Displaced Talent in Software Development

2024

Senior Web Developer
#362

Profile

Experienced Senior Web Developer adept in all stages of advanced web development. Knowledgeable in user interface, testing and debugging processes. Bringing forth expertise in design, installation, testing and maintenance of web systems. Equipped with a diverse and pro missing skill-set. Proficient in an assortment of technologies including ASP.NET, C#, MVC, Core, .NET6.0, HTML, CSS, JavaScript, Ajax, JQuery, and Microsoft SQL Server. Able to effectively self-manage during independent projects, as well as collaborate in a team setting.

Skills

- ASP.Net Core (expert)
- LINQ (expert)
- MSSQL (expert)
- Restful API (expert)
- JSON (expert)
- Entity Framework (expert)

- ASP.NET MVC (expert)
- Computer maintenance (experienced)
- JavaScript (experienced)
- Jquery, Ajax (experienced)
- Solidity (skillful)
- React JS (skillful)

Work Experience

Feb 2013- Present
Senior Web Developer (Remote)
E-Dever -Saudi Arabia

- Managing front-end and back-end development in the company's Portfolio Analyst, Employee Track, and Account Management systems
- Successfully identifying, diagnosing, and fixing website problems, including broken links, typographical errors,
- and formatting issues
- Remaining knowledgeable in new standards, technologies, and trends in website development
- Bringing forth vast experience working with relational databases and SQL
- Writing SQL statements and stored procedures
- Working to solve complex problems using the latest in Cloud, Mobile, and Web technologies

- Translating clients' requirements into application designs and system requirements effectively

Apr 2011 - Feb 2013
CEO
Shaaam Networking - Damascus, Syria

- Analyzed and designed new systems and applications
- Worked to constantly network with new clients and maintain relation with former clients
- Ensured network security by developing network access and performing evaluations
- Worked to achieve high customer satisfaction rates by providing optimal customer service and creative technical solutions
- Helped to increase customer return rates by providing excellent customer service at all times
- Provided outstanding technical support to clients
- Remained punctual, reliable, and adaptable

Education

Syrian Virtual University – Damascus, Syria

- Bachelor's Degree in Information Technology (Incomplete)   *Sep 2009 – Apr 2011*

Damascus University – Damascus, Syria

- Associate Degree in Information Technology   *Sep 2006 – May 2008*

Languages

- **Arabic:** Native
- **English:** Intermediate

#200599
Software Engineer

An experienced Software Developer, capable of working on both -ends. User-centered developer, who values the quality and usability of the product.

Technical Profile

- .NET, C#, Blazor
- React, NextJS, TypeScript
- MongoDB, PostgreSQL
- Azure, GitLab

Competencies

- Requirements gathering
- Project estimations
- Front-, Back-End Web Development
- Agile Workflow

Work History

2021-06 - Current

Front-End Developer
Intrigma, Inc.

- Coded using HTML (Blazor SS), CSS and JavaScript to develop features re-inventing an existing app to the rails of Web SPA App. Further on, introduced the team to the TypeScript and Webpack.
- Contributed to projects within Scrum project management environments.
- In cooperation with the Designer raised a documented UI Kit Project to speed-up and standardize UI Development. Developed user-centric approach to implementation.
- With a teammate we came up with a couple of suggestion on the improvement of the collaboration between the SCRUM parties and increasing the overall quality of product.

2019-11 - 2021-06

.NET Software Developer
Luxoft, Ltd.

- Worked on a Product Management System project from scratch in the DDD environment.
- Used C#, MongoDB, ElasticSearch, GraphQL and RESTful approach to achieve the milestone of MVP.
- Participated various discussions including SCRUM activities, brain-storming and and decision-making sessions.
- Held demos for stakeholders.
  Came up and implemented a Bootstrap Library with reusable configs, code-parts and methods, standardized, tested and documented, to quick- start the development for new services.

2019-02 - 2019-11

Software Engineer
Avantelecom, Ltd.

- Integrated Yandex Speech Kit with Asterisk to achieve near-real-time voice recognition in the background during the call-session. Built a configurable scenario- and AI-based IVR Menu templates and other functions for Call Centers.
- Further replaced Yandex SK with Sphinx - an open-source solution - to cut the costs for the company keeping the quality of SR.
- Came up and implemented a post-call speech recognition and analysis system based on Google Cloud and ElasticSearch to empower the call center supervisors with highlights from agents sessions, so that supervising agent's became easier.
- Coded with Python, PHP, C#, React (JS).
- Brought the GitLab Git and CI/CD into the company.

Education

M.D in Information Technology (2019-11 - 2022-06)
Moscow University of Industry & Finance "Synergy" - Russia

TBB ID# 126800

Professional Summary

A software developer with almost 5 years of professional experience and expertise in software development and system architecture, substantial experience in the design, coding, and testing of intricate systems. Advanced proficiency in C# (including ASP.NET, MVC, and Core), User Interface development, and Umbraco.

Skills

- Diagram Designer
- Well knowledge of Visual Studio IDE, Angular
- .Net C#, MVC, Core
- Restful Web APIs
- Front-end, HTML, Javascript, Css, Bootstrap, Plugins.
- Umbraco-CMS with .Net MVC
- Database Modelling
- Software Testing and Debugging
- Skill in maintaining, optimizing, troubleshooting, and improving websites
- Excellent written and oral communication skills.
- Excellent problem-solving skills.

Work Experience

Software Developer | M3N Technologies, Pakistan.

Responsibilities   **May 2019 - Present**

- Working 40 hours per week.
- Evaluation of user requirements and design automated solutions that fulfill their needs.
- Developing of applications using a combination of ASP.NET MVC, ASP.NET Core, & Web Forms for the backend, & utilizing Bootstrap, CSS, HTML, and JavaScript for the frontend development.
- Collaboration with a team to develop effective solutions and achieve shared goals.
- Developing of a front-end template with a strong emphasis on user-friendliness and usability.
- Creation of the website using Umbraco CMS within the ASP.NET MVC.
- Utilization of Entity-Relationship (ER) diagrams to perform database modeling, ensuring data maintenance.
- Creation and utilization of Restful API service for communication and data exchange between different systems or applications.

Software Developer | UPWA SOFT, Pakistan.

Responsibilities   **Sept 2018 - Mar 2019**

- Worked 40 hours per week.
- Developed solution architecture based on the repository pattern to create a robust and secure application.
- Analyzed the requirements of a project or system.
- Developed database designs by utilizing Entity-Relationship (ER) diagrams.

Software Developer | COMSATS University, Pakistan.

Responsibilities   **Nov 2017 - Mar 2018**

- Worked 30 hours per week.
- Enhanced Existing Student's CU Online System
- Introduced Application Management System
- Managing and preserving records while storing them in a database.

Education

- Bachelor in Computer Science
- COMSATS University, Pakistan.   **Sept 2013 – Sept 2017**

Languages

- English | Fluent
- Turkmen | Native
- Dari | Fluent
- Pashto | Fluent
- Turkish | Fluent
- Urdu | Bilingually fluent

Summary

Designing and implementing efficient Microsoft Office (platform primarily MS Access, using SQL Server) and new Microsoft technology (Visual C#.Net 2013, ASP.Net C# 2013, ASP.Net Core 2017). Successfully combined technical expertise with proven skills in leadership, training and diplomacy, troubleshooting and resolving technology and staffing issues.

Skills

- SQL - DDl - DML - DCL - MySQL
- MS Access - BVA - VB - DAO , MVS programming
- JAVAScript - Jquery (Ajax) - HTML 4, 5
- Bootstrap 4.0, ASP.Net Core, C# Architect, Razor, LINQ
- CSS3 - ADO.Net & OOP
- Oracle Database - ERP-Solution
- HR, Payroll and budget preparation experience

Experience

Freelance Web Developer
Global Dev Gate - Egypt | Jan 2018 - Feb 2019

Web Developer Volunteer
Loren Software Development Co. - Jordan | Jun 2015 - Jan 2018

IT Manager, Software Developer & Database Programmer
Rhodes Precast Concrete Ltd. - Jordan | Oct 2013 - Jan 2015

Country Administrator, Logistics, Finance and Computer Teacher
Jersuit Refugee Services - Jordan | Jan 2009 - Apr 2013

IT Officer & Software Developer
Al Khudhairy Group for Construction - Iraq | Jan 2004 - Apr 2008

Database Programmer, Computer Teacher & Team Coordinator
Al Yassat Development and Nursing Institute - UAE | Jul 2003 - Jan 2004

IT Assistant & Database Programmer Intern
UN-Habitat | Dec 2008 - Jan 2009

IT Officer & Database Programmer
General Company for Project Execution Rasafa Water | Jul 1992 - Feb 2003

Competencies

- Design and develop websites while working closely with clients to refine and implement requirements including e-commerce, booking, portfolio, blog, multilingual functionalities using;
  - N-tier and the CSS for UI
  - Back-end (Asp.net C# Web Form)
  - MS FrontPage XP ,DHTML, JavaScript and Flash 5
  - ASP.NET CORE, ASP.NET MVC (C#), Microsoft SQL
  - Server; data modeling, T-SQL
  - Stored procedures & database administration, responsive HTML5, CSS3, Bootstrap 4, jQuery & Ajax

- Design and develop corporate systems using;
  - Visual, C#, .Net 2013, SQL Server 2012
  - Ms. Access 2007 and Visual Basic 6.0

- Diagnose and troubleshoot software and hardware problems
- Data troubleshoot and system backup
- Install & configure routers, switches, firewalls; Web-sat system, DW-6000 Modem, I-Direct 3100 Modem, Comtech with Cisco Router 1800 series, Comtech Modem 570 L, Dish 1.8m, Buc 4 watt extended, LNB PLL Type
- Install Bandwidth controller using Mikrotik Router Server V.2.9 and CCProxy Server
- Install & purchase computer parts and internet systems; I-Direct Modem 3100, Dish 1.2m, Buc 2 watt extended, LNB PLL Type or Web –Sat internet system
- Configure and Install Microsoft Internet Security & Acceleration Server 2004 and create VPN connections
- Install & Configure Virtual (Server, Network, Disk , PC) by using Microsoft Virtualization, using scripting with virtual server, Migrating Physical file server to virtual file server
- Assist with the setting up and maintenance of a personnel management system, check and verify all proposed contractual agreements ensuring that administrative procedures and guidelines in issuing contracts are adhered to

Education & Training

Bachelor's, **Operational Research**, Al Mansour University College	**1992**
Course, **Web Development,** Global Dev Gate	**2018**
Course, **Web Development,** Step by Step Training and Consultation	**2016**
Course, **Web development**, Pioneers Academy	**2015**
Course, **Software Engineering**, Arab Group for Computer	**2012**
Course, **Oracle 8i and SQL,** Bright Future Institute	**2007**
Course, **Mikrotik Router server,** Al-Tabiea Institute	**2007**
Course, **CICSO, CCNA,** Al-Tabiea Institute	**2006**
Course, **MSCE 2003**, Al-Tabiea Institute	**2006**
Course, **Accounting Applications**, Salam Cultural Center for Accounting & Computer	**2002**

Languages

Arabic (Native), English (Intermediate)

TBB's ID number #96138

Personal Objective

Developer with 6 years of experience turning the customers/business requirements into productive models. Focused on continuous improvement, always implementing the better practices and solutions in systems, from Project management to line codes. I want to still improve my skills at time that share and contribute to vanguard projects. I work comfortably in a team like alone.

Programming related skills and experience

Front-end: React, ReactNative, Flutter, Angular. Css, JQuery, GSAP Animation.

Back-end: NodeJS, Python (API's, Machine Learning Models, Data Analysis…), PHP, C#, Lambda functions AWS.

AWS infrastructure: Experience deploying server based and microservices infrastructure. Using and configuring environments with tools like VPS, Lambda, EC2, S3, Route 53, Lightsail, EFS, SQS, Serverless framework / CloudFormation.

Additional Languages/Frameworks: Dart, Flutter (Multiplatform development, IOS, Android, Web.). Cryptocurrency and Forex APIs. Tensorflow and Scikit Learn. Google API's, Google AppScript. WebScrapping.

Databases: PostgreSql, MongoDB, Mysql, SQL, Dynamo. ORM: Sequelize(JS),

Testing: Jest js.

Other: Scrum, Git, Docker, Linux, Bash, Windows, Batch, Amazon Web Services, Google Cloud Platform, Routing, Switching.

Working Experience

Fullstack developer

Afex - Chile

October 2022 / Present

B2C Foreign exchange in many countries.

- **IT Developer**

  Empresa de Transportes Armadillo, SAC. Lima - Perú

  April 2019 / October 2022

  Secure freight transport based on high security standards and technologies.

  Main responsibilities

  - Technical and project lead.
  - Developer of main critical processes.
  - Researcher of new technologies.
  - Cloud Infrastructure Administration.

    Projects worked in this position

    - *Video Surveillance*

IoT based, mobile video monitor. Stack:

Agents: Raspberry, Debian service daemon, NodeJS process manager to handle camera connections.

Server: AWS EC2 Ubuntu server, NodeJS server to handle in and out video connections, at same time that stores them in AWS EFS.

Frontend: There are two frontends: 1. React web client. 2. C# Desktop client.

- *Administrative Tools, based on ReactJs, and NodeJs. (Electronic billing, operation performance, quotations, cost analysis)*

    - External query of info through API's.

    - KPI's and Dashboard generation.

    - GPS Tracking integration between security systems.

- **IT Consultant**

EAC Consulting, SAC. Lima - Perú

Jan 2018 / Feb 2019

B2B IT Services and hardware providers. Main responsibilities

    - Development of intranet customer web app.
    - Consultant of companies in software and networking.

- **Freelancer**

Jan 2016 / Jan 2018 Online – Presential

Main responsibilities

- Exploration, designing, development and deploy of customers systems ideas/requirements.
- Installation and configuration of intranet networks, workspaces, custom system configurations (sharing, permissions, firewalls.)

    Projects worked in this position

    IT Consultant in "Mavev Corredores de Seguros, SAC"

    - Android / IOS Customers Mobile App.
    - App to manage insurance data, terms, important dates. Stack:
    - Backend: NodeJs, MySql, and External database. Frontend: Flutter
    - Database: MySQL
    - Others: APIs programming with PHP, Excel Macros, Windows Batch, Windows Server managing and configuration, Active directory, FTP services.

Education

Bachelor // IT // 3

University – IUTA Valencia – Valencia, Venezuela 2014

    - Computer Science
    - Multiple language programming. Introduction to networking. Ofimathics. Administration.

Associate // CCNA // 2

University – UNITEC – Valencia, Venezuela 2017

- Switching and Networking
- Deep study of networks topologies, technologies, hardware configurations.

Languages

- Spanish – native
- English – Intermediate

Software & Technologies

- Advanced JavaScript (NodeJS, React, Angular)
- Advanced Dart (Flutter, Android and IOS Dev) Advanced PHP, HTML, CSS.
- Advanced SQL and NoSQL
- Intermediate C#, .NET
- Advanced Cloud (AWS, GCP)
- Advanced Windows, Linux (Batch, bash)
- Advanced GIT, Docker, Virtualization (Vagrant, VMware) Intermediate Python (Data Analysis, Django)
- Beginner Machine Learning and AI (TensorFlow, ScikitLearn)

Key skills and Strengths

Effective written communication and documentation – Intermediate Verbal Communication – Wide knowledge of IT technologies, from hardware and software tendencies. – Enjoy learning, teaching, and practicing tech. – Tendency of abstracting of problems and got wide and long terms solutions to problems, taking care of time and effort to expend. – Nice in teamwork and alone.

Achievements

- **Foundations of startup technology-based company**
  I've done systems from automatically billing, operational things, to high tech real-time widgets and equipment, leadership developer's teams.

- **Data analysis based on Business Intelligence**
  Make dashboards starting with company data, taking operation and financial information to make customs KPI's that suggest improvement opportunities.

- **Android and IOS native APP**
  Customer focus app of an insurance company. Works like a portal to customer information and notifications. Giving the company a technological presence closest to its customers.

References upon request

CURRICULUM VITAE

"There are no cookbook methods that can replace intelligence, experience, and good taste in design and programming" *Bjarne Stroustrup, creator of the C++ language.*

Summary:

- 22+ years of experience in analysis, design, programming and deploying applications and solutions on Web, Mobile and Desktop Environments including:

  o Education.

  o Government.

  o Media and Advertising.

  o Research and scientific statistics.

  o Accounting and HR services.

- Thorough knowledge of:

  o Object oriented design and programming.

  o Scripting languages and Web techniques: Java Script, Angular, React, Flutter, AngularJS, jQuery, AJAX, Twitter Bootstrap, W2UI, Require.js, Knockout.js, Foundation, JSON, REST, OAuth, VBScript, Action Script.

  o Web frameworks: Oracle ADF, JSF, PHP CodeIgniter, ASP.net, NodeJS.

  o Native, hybrid Apps tools: Android Studio IDE, Eclipse Android Development Tools, Google Chrome Apps, Chrome Dev Editor.

  o Programming languages: C#, Java, PHP, Dart, C++, Visual Basic.

  o Operating System Platforms: Linux Shell scripting, MS Windows, MS DOS.

  o Cloud environments and remote servers: Google cloud, Amazon AWS, Apache 2.

IT Employment History (summary)

SAFA Solutions - Cairo 5-2015 to present, freelancer contract + part time
　　　Roles: Chrome Apps, Mobile App developer, PHP developer, Frontend Developer.

Projects:

- SafaVisa Offline: Chrome App+ NW.js version built with Angular 1.5, Bootstrap, Native Messaging, MySQL JavaScript Driver, Indexed DB with multiple Backend of CodeIgniter, Laravel and many SOAP web services, Node.js, Gulp lib, the App used by over 500 company in 15 countries, check safavisa.com.

- SafaBiMiner: SPA built using angular10 and CodeIgniter 4 on PHP7 as a backend, used for generating SQL based BI reports.

- Safa Reports Designer: web-based reports designer based on HTML5 Canvas, generates SVG reports based on JSON Data, supports Images, Barcodes, work from chrome apps.

- Safa ENJAZ: Chrome App built with Angular 1.5, Bootstrap, Mysql, Indexed DB with Backend of CodeIgniter.

- SafaVisa Cloud: Hybrid Android App built with Angular 1.5, Backend Bootstrap CodeIgniter.

TeachArabia Company – Cairo 3-2013 to 8-2016 + freelancer.

Role: Senior Web developer.

Projects:

- Dammam University Research Management System 2013: built with Oracle ADF 11.16 , JAVA EE , JASPER Reports ,MathML image rendering Support.

- KSA National Centre for Palms and Dates Database System 2014 built with PHP, CodeIgniter, JSON, Bootstrap.

- AMLAK KSA: ASP.net CMS built with ASP.net, C#, jQuery , JSON , SQL Server.

- ALRAJHI KSA Project Management System 2015 powered by DotProject Code with PHP, MySQL, Bootstrap, jQuery.

- Quran Class USA 2015: Web Application, Mobile App, Chrome App, built by AngularJS, Angular Material Design, PHP backend.

- Virtual Schools Project, Dubai 2016: Content and Exam management system built with AngularJS, UI-Bootstrap, PHP

- Bader Schools Exam Management, Damascus 2016: Exam management system, with student exam terminal built with AngularJS, UI-Bootstrap, Material Design, PHP.

- Humola.com Project, AL Riyadh 2017: Shipment mobile App for android and IOS built using PhoneGap, Cordova. supports push notifications, firebase, google maps using AngularJS, UI-Bootstrap, PHP.

- Amer Project, AL Riyadh 2017: Ministry of labour KSA, a web application built using c#, webAPI , .net MVC5 , AngularJS.

- Southern Province Cement Admin, Al Riyadh KSA 2018: Bind WordPress app with extra API built using PHP CodeIgniter, Additional client and admin GUI using AngularJS

TeachArabia Company - Damascus 10-2006 to 2-2013

Roles: Executive Manager since 2007, Senior Web developer, Programming department director.

Projects:
- Institute of public administration Research Workflow System Riyadh.
- AMLAK International Site Content Management System.
- Hajj Management System ITQAN Company –Riyadh.
- Warehouse System Public Sector KSA.
- Union of Arab Football Associations CMS.

Used technologies*:* PHP, ASP.net, C#, Oracle ADF 11.2, JASPER, Action Script, jQuery, AJAX, Adobe Spry, Visual Basic, XML, VBA, MySQL, SQL Server, Access, Excel VBA.

Star Animation Group /   5-2006 to 11-2006

Role: Web department technical supervisor.
I worked on the following Projects: Online portal for the kids time on AL RESALAH satellite channel, www.alresalah-kids.net 2006, online catalogue of Fine Media UK Company at www.fm.co.uk
Technologies: PHP, Flash, Action Script, XML, Ajax, CSS, JavaScript.

TeachArabia Company - Damascus 12-2002 to 12-2004

Roles: Senior Web developer, Instructor, Desktop application developer.
Projects:
- Spacetoon online website.
- Bakaloria.com.
- Teacharabia.com.
- WASS (web based automated school system).
- TASchool Portal.
- TA Reporting System.

Technologies*:* PHP, C++, Action Script, JavaScript, Visual Basic, XML, VBA, MySQL, SQL Server, Access, Excel VBA.

Media Legend Company   6-2002 to 12-2002

Role: Web developer, Flash programmer.
Media Legend is a Syrian Company specialised in media production and Advertisement.

Projects:
- media-legend.com.
- syroil.com.
- syrauto.com.
- Interactive CDs for BUILDEX 2003, HiTech 2002, UTG, Damascus international fair, Media Legend.

Technologies: Action Script, XML, PHP, MySQL, VB, Access.

SHALABI Computer Services   8-2001 to 3-2002
Roles: Instructor and trainer for classes of (ASP, JavaScript, Dreamweaver, HTML, VB), Web hosting manager, Static sites designer.

Ultra World Technology /UWT/   6-2001 to 9-2001
Role: Desktop Programmer.
Project: Medical essays manager for Evidence Medical Center (Damascus- Syria).
Technologies: Visual Basic 6, SQL, Flash.

Courses and Training Workshops:

Description	Company / Institute	Year
Visual Basic 6 and SQL Server	CHAM IT, Damascus	2000.
Sun Java 1.1	ALWAFER Institute	2001.
Web Pages Design	Syrian Computer Society	2001
Oracle Administration	CHAM IT, Damascus	2002.
Networking Principles and Infrastructures	SHALABI Computer Services	2002.
Emigration to C# and .NET	TeachArabia, Damascus	2003.
UML & OOD	TeachArabia, Damascus	2004.
PMP	Dream Center, Damascus	2007.
Oracle ADF Framework	TeachArabia	2011.
MS SharePoint 2010	STARWAYS Cairo Office	2014

Education

Bachelor of Science / Food Sciences, Damascus University, Faculty of Agricultural Engineering 2002.

Contracts undertaken as freelance Analyst/Developer:

Agile Timesheets app:
Client: Agile Mena consulting, Amman Jordan 2019-2022.
Web based system to manage projects, proposals, clients, employees and teams, built using AngularJs, PHP CodeIgniter, Bootstrap.

Picasso school management system 2019-2021:
Client: Picasso school training academy, Amman Jordan.
Web based system to manage students, courses, registration and training attendance and reports, built using AngularJs , PHP CodeIgniter , Bootstrap .

Focusacademy.tv media academy platform 2017-2018:
Client: Focus Academy Dubai UAE.

Content management system over AngularJS, accounting management, CRM management, online payment using Mastercard API, PayPal API, Admin and UX built using AngularJS, Bootstrap, CodeIgniter PHP, MySQL.

Rvrch.com Employment and CV builder 2018-2021:
    Client: Rvrch.com site Dubai UAE.
    Rvrch.com is CV builder for job seekers with a portal for employers to access candidates CVs, the site provides PDF generated CV in pretty design using PHP and CodeIginter as a backend, Site frontend and Admin are built using AngularJS, Bootstrap.

Freshplate.ae food store app 2017-2018:
    Client: Fresh-plate Dubai UAE.
    Online food store, online payment using Mastercard API, PayPal API, Admin and UX built using AngularJS, Bootstrap, CodeIgniter PHP, MySQL.

INGRDE Digital publishing magazines 2016 ,2018:
    Client: INGRDE Team Dubai UAE.
    Online Digital Publishing Platform, used SVG based masks and events to produce Interactive online magazine with YouTube support, using AngularJS, Bootstrap, CodeIgniter PHP.

School Communication Board 2014:
    Client: LAWGLE Company.
    Native Android App for students built with Eclipse Android Development Tools, powered by an Admin Panel to manage school students' accounts, grades, exams, messages, panel was built using PHP, MySQL.

ATLAS shipment System 2010:
    Client: Atlas forwarding company - Dubai.
    Description: web System to manage employees, warehouses, branches, airway cargo, freightage, cargo tracking. used by company branches in 5 different countries.

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PPFX Attendance and Salaries System 2007:
    Client: Pixel Paradise Effects Company.
    PPFX Attendance is an Intranet based application, enables employees to record their attendance start and end, it has accountant panel to manage the salaries, vacations and leave permissions.

Tender Information System 2004:
    Client: GANAMA Construction & Trading, Damascus Syria.
    Intranet based application, manages the data about all the tenders that's company works on and reports the administrator with a wide scope of reports depending on Dynamic Reporting Library, the system coded with PHP and handled with MySQL database working on Apache server.

Flash Blocks Content Management System 2006:
    Client: HUE Company - http://www.keilaniclinic.com.

Web based content management system enable end-user to change flash pages content and blocks.

Syrian International School Content Management System 2005:

Client: SITCOM (Syrian International Communication) Company.
Multilanguage CMS developed with PHP to enable site administrators to generate dynamic forms and pages, uses the dynamic tables to store the content.

Level Content Management System 2005:

Client: CLLC (Canadian Languages Learning centre) member of AGST Canada.
Multilanguage's CMS built with PHP to enable end-user to change pages content and design, a new dynamic version is under construction.

Syrian Vision News Site 2005:

Client: SITCOM (Syrian International Communication).
Online newspaper based on PHP NUKE and developed in design and features to match end user requirements.

Dental Dynamic Site Administration Tool 2004:

Client: G-ware company, NAHAS Orthodontic Clinic www.dr-nahas.com.
Online admin tool based on PHP, can create online accounts for each patient with username and password to login on his private area on the website to review the records of his visits to the clinic with images of each case.

ALHOSN HR Manager 2001:

Client: ALHOSN Travels Damascus.
Human Resources Databank, developed through two versions, first on Access 2000, new version developed to work on a multi-user environment with new enhancements coded with PHP & MySQL.

Olive Oil Cheating Finder 2003:

Clients: Agricultural Research Center - Ministry of Agriculture, Faculty of Agronomy.
Scientific application processes the GC results of oil analysis and suggests the mixture oils depending on fatty acids percentage.

Meals Nutrients Application 2002:

Client: Faculty of Agronomy, Damascus University.
Scientific application calculates the partial and total amounts of each meal for studied samples and analyses it to report the final statistics.

Food Science Dictionary 2003:

Client: Food Science Dept. Faculty of Agronomy.
Scientific Dictionary contains the specific idioms related to the food science field and the Arabic meanings built with C++ and ADO.

TALENT BEYOND
—BOUNDARIES—

Summary:

Over the course of a decade, I have gained extensive experience in a variety of IT roles, including Lecturer, Programmer, Database Administrator, System Analyst, and Data Analyst. My skills in communication, interpersonal relationships, searching, and leadership enable me to approach problems with an analytical mindset and think critically. As an instructor, I have taught courses in Fundamental of Database Systems, Software Engineering, Programming Languages, Research Methods, and Project Management, and I have a solid understanding of Oracle SQL DB, ASP.Net C#, PHP, JavaScript, Visual Basic, HTML, CSS, and jQuery. Additionally, I possess knowledge of R, Python, and Java, and I am proficient in statistical analysis using SPSS and Excel. I am skilled in Project Software Management, utilizing the agile methodology, and I am currently pursuing PMP certification. Furthermore, I am certified in Google Data Analytics and have completed a data scientist nanodegree program. With more than seven years of experience as a software developer and six years of experience teaching undergraduate courses and mentoring students in IT community service projects at the University of Khartoum, I am enthusiastic about data analysis, prediction, internal auditing, quality assurance, and knowledge management. I have also engaged in numerous voluntary and unpaid work opportunities.

Education

➢ B.Sc. (Honors) in Information Technology, University of Khartoum, Faculty of Mathematics Sciences, November 2006 - July 2011(Second Class Division I).

➢ M.Sc. in Information Technology (Software Engineering), University of Khartoum, Faculty of Mathematics Sciences, March 2016 – April 2017

Certifications:

➢ Data scientist – nanodegree program, Udacity, April 2023

➢ Google Data Analytics Certificate, Google Certification, December 2021

➢ Mini MPA, Master Solutions Institute, September 2019

➢ Programming concepts using Python, University of Khartoum, October 2017.

Work Experience:

- Freelancer developer: December   2020 - present

As a freelance developer since December 2020, I developed an online voting system for the University of Khartoum syndicate. The system was designed to simplify the election setup and results delivery, reduce administration costs, increase voter participation, and secure the election process. The system controls the voting process by ensuring only authorized voters can vote through the use of National ID number and email verification. The system also provides immediate results, gaining credibility from the authentication process and election monitoring committees.

Data Analyst: Peace Research Institute – University of Khartoum December 2021 – May 2022

As a data analyst, I have been responsible for designing and implementing questionnaires with Kobo Toolbox, integrating data, and performing data analysis and visualization with Power BI

- Deputy Director of Information Technology and Network Center- UofK - 2020-2021

In this role, I was responsible for managing all activities related to the center, including planning, budgeting, staffing, and supervision of day-to-day operations.

In addition, I collaborate with various university departments and external partners to identify and address their IT needs, including hardware, software, network infrastructure, security, and user support. I also ensure that the center complies with relevant laws, regulations, and industry standards, such as data protection, privacy, and accessibility

- Lecturer: Faculty of Mathematical Sciences – University of Khartoum October 2015 - Present

Teach various computer courses, including Operating System, Database, Software Engineering, Project Management, System Analysis and Design, and Programming Languages Concepts (C++, Java, Python).

- Software Developer: Bsol Technology November 2016 – January 2018 Khartoum, Sudan

I was responsible for developing a medical system using VB.NET and SQL Server for the front-end and back-end, respectively. Additionally, I designed and developed a medical insurance card printing system that increased efficiency by a significant 90%. I also provided customer support to ensure the smooth operation of these systems.

- Software Developer: Reliance Technology September 2013 – November 2016 Khartoum, Sudan

Developed backend for financial module in core banking system, developed APIs that enabled integration with third-party systems.

- Part-Time Teaching Assistant: November 2011- August 2013

Faculty of Mathematical Sciences, University of Khartoum. Also worked as a part-time teaching assistant during the same period at Sudan International University. Additionally, worked as a part-time teaching assistant at Aptech Institute.

Technical skills:

- Proficient in Python, Java, R, SQL, VB.NET, ASP.NET C#, PHP, JavaScript, HTML, CSS, jQuery
- Experienced in statistical analysis using SPSS and Excel
- Knowledgeable in project software management using agile methodology
- Experienced in data integration, analysis, and visualization using Power BI
- Knowledgeable in explainability and interpretability methods in machine learning

Soft skills:

- Strong communication and interpersonal skills
- Exceptional leadership and searching skills
- Ability to work independently and in a team environment
- Strong organizational and coordination skills
- Dedicated and self-reliant work style
- Quick learner with the ability to grasp new topics and methods

Extracurricular Activities:

Throughout my academic and professional journey I engaged in many extracurricular activities, started early in final year of university and continued after graduation. List of activities includes:

- Steering committee member for Workshop on Knowledge Management Capacity in Africa (KMCA) in 2011-2012
- Campus Coordinator for Faculty of Mathematical Science and Informatics (FMSI) Innovation Lab in 2012-2013
- Member of Steering Committee for Restoration of the University of Khartoum teaching staff Syndicate in 2019-2020
- Co-chair for Community Services through IT Solutions (Service Learning Project) in 2020
- Member of Local Organizing Committee (Head of Live Streaming and Documentation committee) for 10th International Conference on Appropriate Technology (ICAT) in 2022

Responsibilities varied from coordinating and managing teams to guiding and mentoring team members, and achieving great success despite difficult circumstances.