**WISSAM ALFURAIJI**

San Diego, CA | Phone: (619) 450 3363 | Email: [wissamkshaan@hotmail.com](mailto:wissamkshaan@hotmail.com)

**SOFTWARE ENGINEER**

**DESIGNING | DEVELOPMENT | PROBLEM SOLVING**

Computer Science graduate experienced in creating and executing innovative software solutions to enhance business productivity. Knowledgeable in all aspects of the software development lifecycle and scrum models. Hard working, driven, technically astute and someone who will work closely with people.

CORE COMPETENCIES

* Data Structures and Algorithms
* Object – Orientated Design (OOD)
* Testing and Debugging
* Agile methodologies
* UX/UI Design
* Cloud Computing

TECHNICAL SKILLS

**Programming Languages:** Java,C++, C#, Python, SQL, JavaScript (Basic)

**Operating Systems:** Linux, Windows

**Technologies/Tools:** MySQL**,** MongoDB, Nginx, Docker, PHP, HTML, APIs, Jira, Jenkins, Git, Junit, TDD

RELEVANT PROJECTS

**Crime Display Application**

National University | May 2022

* Provided designing and programing support in enhancement of web application to enable users to scan and locate crimes by searching zip code
* Used Agile Methodologies for prioritizing quick delivery and collaboration with team members
* Created Database schemas, Architecture diagrams and User Diagrams

**Android Mobile APP**

National University | January 2022

* Designed dental supplies mobile app for product resource company to enable users to view the product details
* Created documentation of how to configure and program the app codded with Java
* Initialized a CI/CD Pipeline using Gitlab and Virtual Environment (VirtualBox Linux machine)

EDUCATION

National UniversitySeptember 2022

**Master of Science in Computer Science**

University of BaghdadMay 2003

**Bachelor of Science in Chemistry**

WORK EXPERIENCE

***Associate Software Engineer***

Naval Information Warfare Center (NIWC) 01/2022­­ – Present

* Wrote 100+ unit tests to verify the functionality of user interfaces, back-end processing, connectivity, and relational database interactions
* Provided user requirements analysis and programming support for enhancement of Web application accessed by thousands of soldiers worldwide
* Built Graphical User Interface for Magnetometer device and improved it detection activity by 45%. Used PyQt5 framework for data visualization
* Developed Docker images for microservices applications and deploying them into containers. Also used ECS clusters for maintaining containers in AWS
* Maintained Software Development Life Cycle (SDLC) by Requirements Gathering, Analysis, Debugging, Design, Build, Testing

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WORK EXPERIENCE, cont’d.

***Freelance Computer Repair Technician*** 01/2019 – 01/2022

Self – Employment

* Installed computers, routers and other hardware components, updated existing systems and troubleshooting problems with hardware.
* Performed diagnostics, isolated problems and fixed electronic hardware parts by testing and exchanging to ensure functionality
* Provided support for users and guide them to use computer systems correctly
* Removed malware and viruses from laptops and desktop system using specialized software

***Lead Dental Technician*** 02/2014 – 12/2018

32 Dental Arts

* Created Python Scripts to scrap Microsoft Word, Excel and PDF files for archiving and data management
* Managed Windows 10 operating systems to include troubleshoot, network adapter configurations, hard drive storage and management settings for 5 computers
* Provided dental services to an average of 15 patients a week focused on dental ceramic restorations design using CEREC CAD/CAM software
* Utilized iTero Workflow 2.0 Software 3D scanner to provide a simulated outcome of orthodontic treatment