Zain Alabdeen Khartabil
Software Engineer

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Summary

- Software engineer with +3 years of experience developing web and business intelligence solutions.
- Expertise in requirements analysis, design, development, testing, maintenance of business applications.
- Full understanding of Clean Code, Clean Architecture, SOLID Principals and programming best practice to produce clean, testable, reusable and scalable code base.

Work Experience

Middle Software Engineer
GlobalLogic
2/2023 – 2/2024, Bucharest – Romania

- Designed and developed robust healthcare systems using .NET technologies
- Designed and built engaging interfaces using WPF and MAUI, ensuring smooth user experiences and clean code.
- Used XAML and MVVM architecture for organized designs.
- Implemented face and voice recognition features.

Full Stack Web Developer
Sham Innovation SRL
11/2020 – 12/2021, Damascus – Syria

- Planned, developed, tested and maintained 3 web applications using .Net and Laravel for backend and Blazor and Angular for frontend.
- Create database models to represent complex business entities and relationships

Full Stack Web Developer
Orbits Ideal Solutions
10/2019 – 10/2020, Damascus – Syria

- Worked in an Agile team of .NET developers for a fast-paced software development firm.
- Developed and provided maintenance for +5 .NET websites and web applications, using ASP.NET. Achieved 100% client satisfaction and on-time completion

Skills

Programming Languages
C# / PHP / JavaScript / Java / C++ / Pascal
Web Development
HTML / CSS / SASS / Bootstrap / JQuery / Blazor / Angular.js
Database
MSSQL Server / MySQL / OracleDB / MS Entity Framework / MongoDB
Frameworks
ASP.Net Framework / ASP.Net Core / Laravel / MAUI / WPF
Cloud and DevOps Tools
Azure / Azure DevOps / Docker / Git
Software Architecture
Object-Oriented Programming / MVC / RESTful API / Web API / Microservices / Domain driven design
Data Science and Analytics
Data mining / Information retrieval / Data warehouse / Big Data / Machine learning
Interpersonal Skills
Active Listener / Adaptability / Leadership / Time Management / Emotional Empathy

Education

Bachelor Degree in Information Technology Engineering
Damascus University
01/2021, Damascus – Syria

Courses

Big Data Analytics
03/2021 Griffith University
Advanced Web APIs with .NET 6
12/2022 LinkedIn
.NET MAUI Essential Training
12/2022 LinkedIn

Projects

Information Retrieval System

The project designed to retrieve relevant information from a collection of documents based on user queries.

- Define data models, structures and algorithm (TF-IDF).
- Design and optimize database schemas for storing and retrieving information.
- Implement interactive interfaces.

PHP, MYSQL, HTML5, CSS3, Bootstrap, JQuery

Content Based Image Retrieval system

Searching a large database for images that match a query (image, sketch, drawing)

- Design and implement algorithms to extract and represent features such as color histograms, textures and shapes.
- Manage database to store image features and metadata.
- Design and implement a user-friendly interface for image search and retrieval.

PHP, Imagick, MYSQL, HTML5, CSS3, Bootstrap, JQuery

E-learning system using data mining and knowledge discovery (Academic Supervisor Assistant)

The project aims to build and design interactive web application that provides an integrated environment for educational guidance and help academic advisors

- Design and implement data mining algorithms (Apriori, K-Means and Naive Bayes)
- Implement data preprocessing techniques to clean, transform and prepare raw data for mining.
- Generate reports and visualize the results.
- Design and create user interfaces for advisors and students

PHP, MYSQL, HTML5, CSS3, Bootstrap, JQuery

Content Management System

The project allows users to create, manage and modify website content

- Develop modular and scalable components to facilitate easy customization
- Create responsive user interfaces

C#, .Net5 , MSSQL Server, Blazor, HTML5, CSS3

Volunteering

IT Support

08/2015 – 12/2018 Damascus University
Maintenance of laboratories in the faculty of Information Technology Engineering

Languages

Arabic - Native Proficiency
English - Professional Proficiency
Romanian - Intermediate Proficiency

References

Victor Filipoiu
Bucharest site manager at GlobalLogic