

Yazan AL ZEBAK

Software Engineer

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EDUCATION

M2 MoSIG - Master of Science in Informatics (Software Systems & High-Quality Components Engineering).

Université Grenoble Alpes – Saint-Martin-d'Hères, France 2024 – 2025

Engineering of Information Technology

Damascus University – Damascus, Syria 2017 – 2023

RECENT WORK EXPERIENCE

Full-Stack Developer

Freelance – Damascus, Syria (Remote, On-Project) 11/2021 - 07/2024

- Designed and implemented full-stack web applications, creating intuitive front-end interfaces using Angular. Developed scalable back-end functionalities with NestJS, applying clean architecture design and adhering to SOLID conventions to ensure robust and maintainable code.
- Optimized interactions between a NestJS web service and an Angular web app by refining REST API communications and implementing indexing optimizations in PostgreSQL, resulting in a 20% improvement in API response times.
- Participated in diverse development roles, addressing bugs, and introducing new features for project enhancement. Adhered to the Boy Scouts' rule to promote continuous improvement and ensure the sustainability of the codebase.

Stack: Angular · NestJS · TypeScript · MySQL · PostgreSQL · Git.

Frontend Developer

Brain-Socket – Damascus, Syria (Hybrid, Full-Time) 11/2019 - 10/2021

A startup focused on web and mobile application development.

- Developed and maintained administrative portals using Angular, and integrated NgRx for advanced state management, resulting in optimized user experience and data management.
- Transformed Figma designs into Angular modules and components, collaborating with backend engineers to implement web applications. Utilized Swagger documentation and REST APIs for seamless integration.
- Initiated and led a refactoring strategy that optimized performance by reducing HTTP requests and local filtering to a single request. Also, decoupled feature modules by adopting a clearer project structure, thereby enhancing maintainability and reducing technical issues across two projects.

Stack: Angular · TypeScript · JavaScript · SSH · Git.

Backend Developer

Codex – Damascus, Syria (On-site, Internship) 09/2018 - 02/2019

A small startup that works on software that provides video and live streaming services.

- Conducted unit tests in Laravel using PHPUnit to ensure the quality and functionality of APIs created by the developers' team, leading to a 20% increase in test coverage.
- Collaborated with frontend developers to seamlessly integrate APIs, implementing REST APIs and WebSocket channels for real-time updates by utilizing Laravel Broadcasting.
- Engaged in agile processes, contributing to daily SCRUM meetings, sprint planning, and retrospectives while collaborating with a team of 5 developers.

Stack: Laravel · PHP · MySQL · PHPUnit · Git.

SUMMARY

Web Developer with **+2 years** of experience in Full-Stack Development.

Seeking an **Internship** in **Software Engineering** for the Master 2 (**MoSIG**) project at Université Grenoble Alpes.

Refined soft skills in **time management**, **teamwork**, and **communication** through balancing work with studies and actively participating in **competitive programming**.

Open to **relocation** within France.

TECHNICAL SKILLS

Proficient: SQL, C/C++, Java, Python, JavaScript, TypeScript, Angular, NestJS, NodeJS, Git, SSH, SOLID Principles, Design Patterns, Unit Testing, Algorithms & Data Structures.

Familiar: Docker, Kubernetes, Google Cloud Platform, VMware, MySQL, PostgreSQL, Firebase, MongoDB, Microservices.

AWARDS

Silver Medal in The 2019 Syrian Collegiate Programming Contest

Ranked 7th, securing Seventh Place among ~50 teams from all colleges in Syria.

Bronze Medal in The 2019 Damascus University Collegiate Programming Contest

Ranked 3rd, securing Third Place among ~40 teams from all students at Damascus University.

* (The Collegiate Programming Contest is an algorithmic programming contest for college students. Teams of three, representing their university, work to solve the most real-world problems, fostering collaboration, creativity, innovation, and the ability to perform under pressure).

LANGUAGES

English: C1 - Fluent.

French: A2 - Beginner.

Arabic: Native language.