

# Maya Yazan Shakko

Software Engineer | Full Stack developer

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Syria , Damascus | 24-year-olds

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## Professional Summary

Full Stack Developer with 4+ years of diverse experience in web development, data engineering, and machine learning. Proficient in modern tech stacks and multilingual systems. Committed to delivering high-quality solutions that enhance user experiences and drive business results.

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## EDUCATION

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**Bachelor's degree in Informatics Engineering with a specialization in software at Damascus University**

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## Personal Experience

**During my university studies, I successfully completed numerous projects that significantly enhanced my programming skills:**

### Front End:

- Experienced in building modern, responsive, and high-performance user interfaces using HTML, CSS, JavaScript, and TypeScript.
- Proficient in modern frameworks such as Angular, Vue.js, React.js, and Nuxt.js, with strong knowledge of UI libraries including Bootstrap, Tailwind CSS, and jQuery.
- Skilled in implementing responsive design principles and asynchronous communication using AJAX to deliver smooth and user-friendly experiences.
- Experienced in integrating frontend applications with **Supabase** for authentication, real-time data, and API consumption.

### Back End:

- Strong backend development experience using Laravel (PHP) and Slim Framework, with exposure to Symfony-based architectures.
- Familiar with building scalable server-side applications using NestJS and TypeScript.
- Experienced in developing RESTful APIs, implementing microservices architecture, and integrating **Supabase** as a Backend-as-a-Service (BaaS) for authentication, database management, and serverless functions. Worked with Python and C/C++ to support diverse system requirements.

## Databases:

- Hands-on experience in designing, managing, and optimizing relational and non-relational databases including MySQL, SQL Server, Redis, and Oracle Database.
- Experienced in using **Supabase (PostgreSQL)** for real-time databases, authentication, and role-based access control.
- Familiar with containerized environments using Docker to ensure consistency across development and deployment workflows.

## Architecture & Testing:

- Solid understanding of modern software architecture principles such as Clean Architecture and Screaming Architecture.
- Experienced in building scalable systems using Microservices and MicroFrontend approaches.
- Proficient in writing and maintaining automated tests using Jest, Selenium, and PHPUnit while working within Agile workflows to ensure high-quality and maintainable codebases.

## Data & Machine Learning:

- Background in data analysis and machine learning using Python.
- Experienced with data processing and visualization libraries such as Pandas, NumPy, Matplotlib, and Seaborn.
- Familiar with integrating machine learning workflows with backend services and databases, including **Supabase**, to support data-driven applications.

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## Languages

- **Arabic:** Native (C2)
- **English:** Advanced (B2–C1)
- **German:** Intermediate (A2)

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## Work Experience

### Full Stack Developer – HWAI Technology Company

#### Spain, Málaga

2025 – Present

- Led the design and implementation of scalable full-stack applications and AI-powered solutions for enterprise clients.
- Designed and optimized **microservices architecture** and data pipelines, efficiently handling over **50,000 records daily**.
- Developed and maintained enterprise web applications serving **100,000+ users**.
- Built modern, responsive user interfaces using Vue.js, Nuxt.js, Angular, React.js, Redux, HTML5, CSS3, and JavaScript.
- Implemented backend services using Slim Framework, NestJS, MySQL, and RESTful APIs.

## Key Projects:

- **Scholarship & Global Education Platform:** Developed a full-stack web platform for managing global scholarship programs, including an integrated education system with lessons, assessments, and student progress tracking.
  - **Global Tourism Platform:** Built a full-stack application for exploring and planning global tourism, featuring travel guides, itineraries, hotel bookings, and local attractions.
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## Freelance Projects

### Kids Learning System (UK)

2023 – 2024

- Developed an interactive web platform helping UK children learn Arabic.
- Frontend: React.js, Redux, HTML5, CSS3, JavaScript.
- Backend: Laravel, MySQL, REST APIs.

### Deliver App

04/2024 – 07/2024

- Built a medicine delivery application with order tracking and real-time notifications.
- Frontend: Vue.js, Nuxt.js, HTML5, CSS3, JavaScript.
- Backend: Laravel, MySQL, REST APIs.

### Pharmacy Management System

01/2023 – 03/2023

- Developed a system to optimize inventory management, orders, and pharmacy operations.
- Frontend: React.js, HTML5, CSS3, JavaScript.
- Backend: Laravel, MySQL, REST APIs.

### Parties App

05/2022 – 08/2022

- Created a platform for organizing events and managing related services.
- Frontend: React.js, HTML5, CSS3.
- Backend: Laravel, MySQL, REST APIs.

### E-Commerce Platform

10/2021 – 11/2021

- Developed an online shopping platform supporting multiple product categories.
- Frontend: React.js, HTML5, CSS3, JavaScript.
- Backend: Laravel, MySQL, REST APIs.

