Amer Muhammed
Software Engineer

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I am Amer, I am an eager engineer with a passion to learn, grow and challenge.

Experience

Makersvalley LLC | Software Engineer | *Texas*, USA

Built the client side of the company's platform as a process-oriented B2B system. (React, Redux & Sass)

Education

Erbil Polytechnic University - Bachelor

Information Systems Engineering | June 2023 | Erbil, Iraq

Curriculum includes subjects in the CS field such as: OOP, design, advanced mathematics, engineering analysis, system design, network systems, hardware architectures, business management, etc...

Skills

Java * Spring Boot * Spring Data * Spring Cloud * Node.js * Next.js * React * Angular * PostgreSQL * MongoDB * Microservices * Design Patterns * Heroku * Azure Cloud * Git * Docker * RabbitMQ

Projects

Horizon Project - GITHUB | WEBSITE
- A suite of native microservices that compose up a web application to serve tv show media contents to users. It is built using the following technologies: **Angular, Spring Boot, Node.js, PostgreSQL, MongoDB, RabbitMQ, Azure Cloud & Docker.**
- Serves video content through **HLS** (Http Live Streaming).
- Implemented authentication using **JWT**.

Aurora Shop - GITHUB | WEBSITE
- An ecommerce website developed using the following technologies: **Node.js, Next.js, MongoDB**.
- Uses **JWT**-based authentication to store the user state.

Machine Learning Visualizer - GITHUB | WEBSITE
- A machine learning algorithm visualizer built in **React.js** and **Django** from scratch.
- Implemented using **D3.js** and **numpy**.