

Amer Muhammed

Software Engineer

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

Education

Erbil Polytechnic University

Bachelor - Information Systems Engineering

Graduation Date: June 2023 | Erbil, Iraq

Curriculum includes subjects in the CS field such as: OOP, design, mathematics engineering analysis, system design and business management, etc..

Skills

Java * Spring * Next.js * Node.js * React.js * JavaScript (ES6) * TypeScript * Python *
Microservices * PostgreSQL * MongoDB * Angular * HTML5 * CSS3 * Azure * Git * Docker

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**, **TypeScript**, **Sass** and **HTML5**.
- Serves video content through **HLS** (Http Live Streaming).
- Implemented authentication using **JWT**.
- Uses **event-bus** for messaging queue communication.

Aurora Shop

[GITHUB*](#) | [WEBSITE*](#)

- A responsive ecommerce website that I have developed using the following technologies: **Node.js**, **Next.js**, **MongoDB**, **HTML5**, **Sass**.
- 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**.