Awotimilehin Babatunde

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Objective

Highly skilled and motivated software engineer with experience in designing, developing, and implementing software solutions. Seeking a challenging position in a dynamic organization where I can utilize my technical expertise and problem solving abilities to contribute to the success of innovative projects.

Education

ALX School of Software Engineering

August 2022 - September 2023

Completed Foundations curriculum and gained low-level and high-level programming concepts. Developed a social media web app as a project.

Skills

- **Programming languages:** Python, JavaScript
- **Backend Frameworks:** Django, Flask, Express.js
- **Frontend**: React.js React native, Tailwind CSS, HTML, CSS
- **Database**: MySQL, SQLite, MongoDB, Postgre, ORM
- **Tools**: Git, GitHub

Projects

ImprovTrend — Cross-Platform Social Storytelling Platform (Web & Mobile)

• Designed and developed a full-stack, cross-platform application for web and mobile that allows users to create, publish, and interact with stories.

• Built scalable backend services using Express.js to handle authentication, story workflows, comments, notifications, and badge logic.

• Designed relational data models with Prisma to support users, stories, characters, interactions, and engagement tracking.

• Implemented JWT-based authentication and secure API access across both web and mobile clients.

• Developed the mobile application using React Native and integrated backend REST APIs.

• Built the web interface using React, ensuring consistent functionality and shared business logic across platforms.

• Focused on clean system architecture, maintainable backend logic, and reliable frontend–backend communication.

Technical Stack:

- **Backend:** Node.js, Express.js, Prisma
- **Frontend:** React (Web), React Native (Mobile)
- **Database:** SQL
- **Authentication:** JWT
- **Tools:** Git, GitHub

RESTful Product API

• Designed and implemented a RESTful API enabling full CRUD operations for product management.

• Implemented JWT-based authentication and role-based access control.

• Structured MongoDB schemas for efficient querying and scalability.

• **Stack:** Node.js, Express.js, MongoDB, JWT

E-Commerce Web Application

- Built backend services for user authentication, product listing, and order handling.

- Designed relational database schema using MySQL.

- Integrated frontend with backend APIs and deployed the application on Render.

- **Stack:** Node.js, Express.js, MySQL, React, Tailwind CSS

Personal Blog Platform

- Developed a backend system for content creation and publishing.

- Implemented admin controls and database persistence using SQLAlchemy.

- **Stack:** Flask, SQLAlchemy, HTML, CSS

- **Deployment:** PythonAnywhere

Quiz Web App (Team Project)

- Collaborated on backend development using Django.

- Worked on database models and quiz logic.

- **Stack:** Django, SQLite3

Certifications

• **Software Engineer** *o Issued by ALX*

  o Date of Completion: September 2023

References

Available upon request.