Olawale Shopeyin

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Professional Summary

A software developer passionate about crafting bespoke solutions to everyday problems.

Technologies

Languages/Frameworks: C#, .NET Core, Blazor, HTML/CSS, JavaScript/Typescript, React, Node.js, Nestjs, Solidity.

Databases: SQL Server, Postgres, MongoDB.

Tools & Platforms: Github, Azure DevOps.

Education

University of Greenwich, MSc. in Computer Science — Jan. 2025 – Dec. 2025

University of Ilorin, BEng. in Mechanical Engineering — Jan. 2018 – Oct. 2023

Experience

Fullstack Engineer, Mystic – Lisbon, Portugal — Dec 2023 – June 2024

- Developed and maintained the backend with NestJS and MongoDB, optimizing database queries and reducing API response times by 20%, resulting in faster user interactions.
- Built a dynamic frontend using React (TypeScript) with Context API for state management, improving user engagement.
- Designed and launched an admin dashboard for marketplace management, empowering clients to manage 40+ active listings and monitor user activity and analytics in real-time.
- Integrated Reservoir for real-time blockchain data and boosting transaction throughput by 30%, enabling seamless NFT trades.

Personal Projects

Greenwich Community Theatre — Github

A fullstack web application where users browse upcoming plays and events, make reservations, and securely book tickets online.

- Developed a robust and scalable API using ASP .Net Core and Entity Framework Core to facilitate communication between database and backend server.
- Implemented features such as authentication and authorization using JWT.
- Adapted clean architecture design pattern to enhance code readability and maintainability.
- Built the user interface using React(Typescript) and leveraged Tanstack React query to manage remote state and used Context API for global state management.
- Tools Used: C#, Entity Framework Core, SQL Server, React, Typescript.

Decentralized Voting App — Github

A decentralized voting app where users can cast their vote based on their preferred choices.

- Designed and implemented a decentralized voting smart contract using Solidity, enabling secure creation of proposals, voter registration, and transparent vote tallying on the blockchain.
- Applied best practices for gas efficiency and smart contract security by limiting storage writes and validating user actions with modifiers.
- Developed an intuitive user interface with React to facilitate communication between the smart contract and voters.
- Tools Used: Solidity, React, Tanstack Query, Redux, Mantine UI.