

Dominion Gbadamosi

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EDUCATION

University of Limerick

Bachelor of Science in Computer Science

August 2024

Limerick, Ireland

- **Relevant Coursework:** Data Structures & Algorithms, Statistics & Probability, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Objects & Design

SKILLS

Languages: JavaScript, TypeScript, HTML/CSS, Java, SQL, Go, C++, Python, C#

Technologies/Frameworks: React.js, React Native, Next.js, Angular, Spring Boot, Node.js, Prisma, Tailwind CSS, Bootstrap

Tools: Git, Docker, Jenkins, AWS, Azure, Zustand, JUnit, Figma

Databases: MySQL, PostgreSQL, NoSQL, MongoDB, Firebase

PROFESSIONAL EXPERIENCE

General Motors

Jun 2022 – Dec 2022

Co-op Software Engineer

Limerick, Ireland

- Developed an on-site seat reservation system utilizing Angular for a dynamic front-end and Java for the robust back-end, improving office attendance by 30%.
- Collaborated with cross-functional teams to gather requirements, identify key features, and ensure alignment with business goals.
- Leveraged cloud platforms like AWS and Azure, including Amazon S3 for hosting, scalable data storage and retrieval, and Azure DevOps for automated CI/CD pipelines and efficient code repository management.

Headstarter AI

Jul 2024 – Sep 2024

Software Engineering Fellow

Remote

- Built a pantry tracker app with NextJS, and Firebase leveraging OAuth for user authentication.
- Created 5 AI projects using OpenAI, NextJS, AWS, Auth, StripeAPI, RAG etc.
- Led final project track with the goal of shipping to 1,000 users or generating 1,000 euros in revenue, focusing on branding, deadlines, and UI.
- Presented final project to a panel of engineers, focusing on selling, speaking, and promoting the product

PROJECTS

FyteSize | React Native, Node.js, Firebase, OpenAI

- Developed a cross-platform nutrition tracking application for boxing, utilizing React Native for mobile interfaces and Node.js for backend services.
- Integrated OpenAI's API to generate personalized meal and training plans through advanced prompt engineering techniques.
- Implemented secure user management and efficient data handling using Firebase Authentication and Firestore.
- Conducted testing with a university boxing club, contributing to 2 national title wins in March.

Twitter/X Clone | Next.js, NextAuth, React, TypeScript, Tailwind CSS, Prisma, MongoDB, Vercel

- Built a scalable Twitter/X clone with dynamic UI components using React and managed application state efficiently.
- Designed responsive and modern UI using Tailwind CSS for an optimized user experience.
- Enhanced application performance with server-side rendering using Next.js.
- Utilized Prisma ORM and MongoDB for effective database management and operations.
- Developed public APIs with Next.js and deployed the application on Vercel for high performance and reliability.

Educational Streaming Service | Spring Boot, React, Docker, MySQL

- Developing an educational streaming platform with a Spring Boot backend for microservices and API development.
- Creating a responsive frontend with React to deliver an engaging user experience.
- Utilizing Docker for containerization to ensure consistent deployment environments and streamline development processes.
- Implementing Spring Security for user authentication and managing content delivery with MySQL for relational data storage.
- Integrating streaming and content recommendation features to enhance the educational value of the platform.