

Dominion Gbadamosi

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github.com/kiing-dom

EDUCATION

University of Limerick

Bachelor of Science in Computer Science

August 2024

Limerick, Ireland

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

PROFESSIONAL EXPERIENCE

General Motors

Co-op Software Engineer

Jun 2022 – Dec 2022

Limerick, Ireland

- Developed an on-site seat reservation system collaborating with a cross-functional team, utilizing **Angular** for a dynamic front-end and **Java** for the robust back-end, improving office attendance by **30%**
- Leveraged cloud platforms like AWS and Azure, including **AWS S3** for hosting, scalable data storage and retrieval, and **Azure** for automated CI/CD pipelines and efficient code repository management

Headstarter AI

Software Engineering Fellow

Jul 2024 – Sep 2024

Remote

- 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
- Developed and launched a flashcard SaaS using Next.js, Clerk, Firebase, OpenAI, and Stripe, attracting over 100 visitors

PROJECTS

FyteSize | GitHub

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 plans through prompt engineering techniques
- Implemented secure user management and efficient data handling using Firebase Authentication and Firestore
- Conducted testing with my university boxing club, contributing to 2 national title wins in March

Twitter/X Clone | GitHub

Next.js, NextAuth, Tailwind, Prisma, MongoDB, Vercel

- Designed responsive and modern UI using Tailwind CSS for an optimized user experience
- 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

Streaming Platform | GitHub

Spring Boot, React, AWS, Spring Security, MySQL

- Developed a full-stack streaming platform with Spring Boot for backend microservices and React for the frontend
- Created microservices for user management, content management, video streaming, and payments, each with its own API
- Implemented Spring Security for role-based access control, securing API endpoints, and encrypting passwords
- Integrated AWS services (S3, Elastic Transcoder, CloudFront) for scalable and secure video uploading, storage, and distribution
- Configured CORS to enable secure frontend-backend communication and HTTP Basic authentication

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, MongoDB, Firebase