

# Dominion Gbadamosi

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dominion-gbadamosi

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## EDUCATION

### University of Limerick

Bachelor of Science in Computer Science

Expected 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, Firebase, MongoDB, Prisma, Tailwind CSS, Bootstrap

## PROFESSIONAL EXPERIENCE

### General Motors

Co-op Software Engineer

Jun 2022 – Dec 2022

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%
- 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.
- Utilized Agile methodologies (Scrum) for iterative development, participating in daily stand-ups, sprint planning, and user story refinement, which ensured continuous improvement and efficient delivery.
- Collaborated with cross-functional teams to gather requirements, identify key features, and ensure alignment with business goals.

## PROJECTS

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

- Developed a platform-independent nutrition tracker specific to boxing using Node.js and the React Native framework
- Implemented a personalized meal plan and training plan generation system powered by OpenAI's API. Utilized advanced prompt engineering to tailor recommendations to individual user profiles for optimal results
- Leveraged Firebase's backend-as-a-service (BaaS) platform for a scalable solution. Implemented Firebase Authentication for secure user management and Firestore for its cloud-hosted, NoSQL database capabilities, ensuring efficient data handling as the user base grows

### YouTility | JavaScript, HTML, Tailwind CSS, Chrome Extension API

- Engineered and launched "YouTility," a Chrome extension using JavaScript, HTML, Tailwind CSS, and Chrome Extension APIs, enhancing YouTube functionalities for the user
- Implemented a dynamic, customisable toolbar providing features like screenshotting, volume boosting, and playback speed control, using JavaScript event listeners and DOM manipulation
- Managed extension updates and feature roll-outs via the Chrome Web Store Developer Dashboard, maintaining user engagement and satisfaction

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

- Leveraged React for dynamic UI components and efficient state management
- Applied Tailwind CSS for responsive, modern design and styling
- Implemented server-side rendering using Next.js to enhance performance
- Utilized Prisma ORM to facilitate efficient and intuitive database operations with MongoDB, enhancing data integrity and query performance
- Developed scalable and publicly accessible APIs with Next.js, enabling seamless integration of dynamic functionalities and secure data handling
- Deployed the application on Vercel, leveraging its capabilities for continuous deployment, scalability, and performance optimization.