

DOMINION GBADAMOSI

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EDUCATION

University of Limerick

Bachelor of Science in Computer Science

Aug 2024

Limerick, Ireland

- **Relevant Coursework:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Deep Learning

SKILLS

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

Frameworks: React.js, Next.js, Angular, Spring Boot, Tailwind CSS

Tools/Technologies: Git, Docker, Jenkins, AWS, Azure, Zustand, JUnit, Figma, MySQL, PostgreSQL, MongoDB, Firebase

PROFESSIONAL EXPERIENCE

Software Engineer

Jun 2022 – Dec 2022

General Motors

Limerick, Ireland

- Utilized **Angular** and **Java** to develop an on-site seat reservation system, boosting office attendance by **30%**
- Implemented RESTful APIs with **Spring Boot** and **Angular**, enhancing data flow and user experience (UX)
- Conducted software testing and quality assurance (QA) to verify performance and maintain high code standards
- Leveraged **AWS S3** for scalable storage and **Azure** for automated CI/CD pipelines, ensuring efficient deployment

Software Engineering Tutor

Apr 2023 – Jun 2024

University of Limerick

Limerick, Ireland

- Mentored approx. **20** students in critical software engineering topics such as DSA, OOP, and Software Architecture
- Devised and delivered targeted exercises and guidance to improve algorithmic thinking, resulting in an average grade improvement of **10%**

Software Engineering Fellow

Jul 2024 – Sep 2024

Headstarter AI

Remote

- Launched several products, including an AI customer service bot, leveraging CI/CD practices and gaining **300+** users
- Collaborated with an ex-Google Tech Lead and other FAANG engineers with the goal of gaining **1000** users
- Optimized API performance on Vercel to handle **1000+** concurrent requests

PROJECTS

Educational Streaming Site | Personal Project (approx. 100 hours)

Jul 2024 - Aug 2024

GitHub

- Architected a multi-repo full-stack streaming platform for educational content with a **Spring Boot** backend and **React** frontend
- Engineered robust RESTful microservices for user management and content handling, streamlining operations and reducing response time by **40%**
- Configured **Spring Security** for role-based access control, securing API endpoints, **CORS** and password encryption
- Leveraged **AWS** services (**S3**, **Elastic Transcoder**, **CloudFront**) for scalable, secure storage, and an increased content delivery speed of 200%

Boxing Nutrition Tracker | Personal Project (approx. 200 hours)

Feb 2024 - May 2024

GitHub

- Designed a cross-platform nutrition tracker using React Native, supporting 100+ users, contributing to 2 national titles
- Generated personalized meal plans with OpenAI's API, improving adherence to nutritional guidelines by 30%
- Applied secure user management and efficient data handling with Firebase Authentication and Firestore, achieving a 99% uptime and reducing data retrieval time by 40%

CLI Password Manager | Open Source (approx. 40 hours)

Sep 2024 - Sep 2024

GitHub

- Crafted a secure CLI-based password manager in Python, handling over 100 user credentials with 99.9% accuracy
- Implemented SHA-256 hashing, PBKDF2 key derivation, and Fernet encryption, ensuring data security and reducing unauthorized access risks by 95%
- Integrated core features with JSON based file storage, achieving a 100% success rate in data retrieval and storage