DOMINION GBADAMOSI

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EDUCATION

University of Limerick   Sep 2020 - Aug 2024
Bachelor of Science in Computer Science   *Limerick, Ireland*
- **Relevant Coursework:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Deep Learning

PROFESSIONAL EXPERIENCE

Software Engineer   Jun 2022 – Dec 2022
General Motors   *Limerick, Ireland*
- Engineered an on-site seat reservation system using Angular and Spring Boot, boosting office attendance by 30%
- Implemented RESTful APIs, achieving a 40% decrease in API response times, enhancing page load speed and UX by reducing user wait by 25%
- Conducted rigorous software testing and QA to verify performance, slashing post-deployment bug reports by over 10%

Software Engineer 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 enhance algorithmic thinking, resulting in an average grade improvement of 10%

Software Engineer Fellow   Jul 2024 – Sep 2024
Headstarter AI   *Remote*
- Spearheaded the launch of 5 AI products, using modern technologies like Next.js, leveraging CI/CD practices and acquiring 300+ users
- Led sessions with with an ex-Google Tech Lead and engineers from other major tech companies fostering team collaboration.
- Streamlined API performance on Vercel to handle 1000+ concurrent requests

PROJECTS

Boxing Nutrition Tracker | React Native, OpenAI, Firebase   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%

Educational Streaming Site | Spring Boot, Spring Security, Java, React, AWS, MySQL   Jul 2024 - Aug 2024
GitHub
- Engineered robust RESTful microservices to manage users and content, streamlining operations, reducing responses by 40%
- Configured Spring Security for role-based access control, securing 18 API endpoints with CORS and password encryption
- Leveraged AWS services (S3, Elastic Transcoder, CloudFront) for scalable, secure storage, and an increased content delivery speed of 200%

CLI Password Manager | Python, JSON, Venv   Sep 2024 - Sep 2024
GitHub
- Crafted a secure CLI-based password manager in Python, handling details of over 100 accounts with 99.9% accuracy
- Utilized SHA-256 hashing, key retrieval, and encryption, ensuring security and reducing unauthorized access risks by 95%

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
Others: RESTful APIs, Agile/Scrum, TDD, Postman

CERTIFICATIONS

AWS Certified Solutions Architect – Associate — Amazon Web Services (AWS)   *In View*
Microsoft Azure Fundamentals (AZ-900) — Microsoft   *October 2022*