Daniel Olusakin

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TECHNICAL SKILLS

Languages & Tools: JavaScript, React, Java, Python, MySQL, HTML, CSS, Git, PostgreSQL, Docker, Maven, PHP
Relevant Coursework: Data Structures and Algorithms, Database Systems, Software Development, Web Development, Object-Oriented Programming, Cloud Computing, Concurrency, AI & Machine Learning, Natural Language Processing

EDUCATION

University of Kent   Canterbury, Kent
Bachelor of Science in Computer Science: Predicted **1st** (84%)   Sept 2023 - July 2026

WORK EXPERIENCE

Computer Science Assistant Tutor   Sept 2024 - Jun 2025
University of Kent   *Canterbury, Kent*
- Helped instruct approximately **12** students per session on object-oriented programming concepts in **Java**, and supported them in applying theoretical concepts to practical projects.
- Analysis of students' source code to identify and help **debug** issues by providing targeted guidance for improvement.

IEUK Technology Internship   Jul 2025 - Jul 2025
Bright Network   *Virtual*
- Worked on projects that simulated real-life work alongside product/project management, and supported by leading financial firms throughout project work to successfully create a deliverable.
- Gained knowledge in **agile methodologies** and how they are put into practice through various workshops.

Young Software Engineer Summer Experience   Nov 2021 - Nov 2021
InvestIN   *UCL, London*
- Collaborated with a scrum team in a hybrid work environment to develop web applications with JavaScript, focused on creating responsive and user-friendly interfaces.
- Gained exposure to testing methodologies, including **black-box** and **white-box** testing, for quality assurance.

PROJECTS

Library Management System | *Java, MySQL, Docker, Maven, Book API*
- Comprehensive library management system to efficiently track books, users, and rental transactions, using MySQL.
- **JBCrypt** used to secure registration and authentication by salting data passed during registration.
- FlatLaf used to enhance user experience for a modern UI, and functionality tested with **JUnit** for code reliability.

JPMorgan Chase & Co Software Engineering Simulation | *Java, Spring Boot, H2 SQL, Kafka, Incentives API*
- Spring Boot backend developed for a simulated financial system, integrating Apache Kafka for **real-time** transaction processing and H2 database for validated transaction persistence and balance management.
- RESTful **API endpoints** created (including a user balance query) to integrate with an external Incentives API.

Decentralised Chat Application (PolkaChatt) | *React, JavaScript, TypeScript, Solidity, Ethers API*
- Built a pseudo-anonymous dApp within a 3-day time constraint to leverage blockchain for secure message storage.
- Integrated with the Polkadot ecosystem via Moonbeam for Ethereum-compatible smart contracts.

EXTRACURRICULAR

ICHack 2025 Hackathon | *Python, Flask, React, JavaScript, OpenAI API*
- Led a team to build an AI code feedback application in Python, and pitched the project to **JetBrains** representatives.

Google AI Hackathon | *React, JavaScript, TypeScript, Gemini API*
- Selected as 1 of 55 candidates from 450+ applicants to develop a web app leveraging **Google Veo** from the **Gemini API**.

EasyA Polkadot Hackathon (Blockchain) | *React, JavaScript, TypeScript, Solidity, Ethers API*
- Developed and pitched a **decentralised** chat application with a team that surpassed technical standards, earning **DOT** coin from the prize pool.

AWS Summit 2025
- Visited different booths and gained insights on the usage of various AWS Cloud services, e.g. **AWS Bedrock** and how it would help shape the future of business and technology.