Izuchukwu Tony Onuoha-Osugwu

United Kingdom

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Education

University of Northampton — Sep. 2021 – May 2025

Bachelor of Science in Computer Science (Software Engineering) | ***Second-Class, Upper*** — Northampton, UK

Technical Skills

Languages: HTML/CSS, Java, JavaScript, TypeScript, PHP, Python, SQL
Developer Tools: VS Code, Intellij, WordPress, Github
Technologies/Frameworks: React, React Native, Vite.js, Node.js, Express, Firebase, MongoDB

Experience & Hackathons

Calaya Engineering — May 2024 – September 2024

Software Engineering Intern

- Assisted in development of the business website, showcasing its mission, services, and brand presence.
- Contributed to the development of the employee management system aimed to enhance productivity and operational efficiency.
- Prepared detailed reports and tracked progress on the development of business initiatives, ensuring clear communication of milestones and outcomes.

Triad Group Hackathon — February 2024

Project Manager / Developer

- Led a cross-functional team of 5 developers through complete project lifecycle, from requirements gathering to deployment, delivering a fully functional e-scooter registration platform within 48-hour deadline.
- Developed responsive web application using modern frameworks, implementing DVLA compliance features and accessibility standards while coordinating parallel development workstreams.
- Established agile project management practices including sprint planning, daily standups, and task prioritization that improved team velocity by 40% while personally contributing to both frontend UI components and backend API development.

Access Group — December 2023

Hackathon Participant

- Participated in a team project to develop a system that synchronizes local patient records with the NHS database, emphasizing accuracy and security in medical record management.

Projects

Food Vendor Website | *React.js, Tailwind CSS, Firebase* — June 2025

- Developed web platform for local food vendors with menu display, online ordering, and delivery management functionality, completing project on schedule through structured planning and regular milestone tracking.
- Gathered requirements from vendor stakeholders and provided weekly progress updates while building vendor onboarding system, order tracking, and real-time notifications using modern web technologies.
- Implemented mobile-first design approach optimized for low-bandwidth areas, managing project scope to ensure platform met all business requirements within defined timeline and budget constraints.

Online Marketplace Application (OneNG) & Freelance Platform | *React Native, Node.js, Firebase* — February 2025

- Designed and developed a multi-platform digital ecosystem connecting vendors, freelancers, and small businesses across Nigeria.
- Implemented vendor profile management, real-time chat, and shop/product listing features.
- Created promotional tools including vendor ad boosts and loyalty features.
- Focused on mobile-first UX for Nigeria's informal economy and low-data environments.

Hospital Management System | *React, Vite.js, Node.js, MongoDB* — October 2024

- Designed and built a hospital management system to streamline appointment bookings, communication, and workflow for patients, doctors, pharmacists, and administrators.
- Integrated **Stripe** for secure payment processing of consultations and services.
- Implemented **role-based dashboards** for doctors, pharmacists, and admins to manage bookings, prescriptions, patient records, and system activity.

Achievements / Awards

Google Project Management – [View Credential]   **August 2025**

Google/Coursera — Project Management   *Online*

- Completed foundational courses in Project Management, including Agile and Sprint methodologies.
- Learned project lifecycle, stakeholder communication, and task prioritization.
- Applied project management principles in simulated team projects.

Software Engineering Job Simulation – [View Credential]   **May 2024**

J.P. Morgan — Forage Virtual Experience   *Online*

- Completed a virtual job simulation focused on software engineering tasks at J.P. Morgan using Forage.
- Implemented data visualization using Python and React to display stock price data.
- Demonstrated understanding of real-world financial services engineering challenges.