Oluwatomiwa Onabanjo

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EDUCATION

University of Lagos   Lagos, Nigeria
Bachelor of Systems Engineering   *January 2021 – Present*
- Relevant Coursework: Mathematics, Electronics, Natural Language Processing, Mathematical Modeling & Artificial Intelligence, Robotics.

TECHNICAL SKILLS

Languages: Python, R, JavaScript, TypeScript, C++.
Frameworks: React, Bash, Tailwind, ShadCN, Next.js, Redux, Jest, Cypress, Bootstrap, Pytest, Node.js, Express.js.
Developer Tools: Git, Arduino, Docker, Linux, Kubernetes, Jira, Terraform.
Database: MySQL, Redis, PostgreSQL, MongoDB.
CI/CD: GitHub Actions

EXPERIENCE

Backend Software Engineer   September 2024 – Present
PayEasy   *Nigeria*
- Optimized logging, monitoring, and observability strategies, improving issue detection by 40% and reducing mean-time-to-detect (MTTD) by 35%.
- Refined logging and monitoring strategies to enhance the observability of engineering projects, providing greater insight into system performance and behavior.
- Improved backend infrastructure (APIs, microservices, and database queries), cutting average response times by 30% and boosting system throughput capacity by 2x.

Chief Operation Officer/Software Engineer   November 2023 – July 2024
Techwonder Africa   *Nigeria*
- Implemented automated unit and integration testing pipelines, expanding test coverage from 20% to 70%, cutting production defects by 45%.
- Designed and deployed a real-time KYC and e-commerce data integration system that processed 10k+ daily requests with 99.9% uptime, enhancing compliance and user onboarding speed by 50%.

Network Engineering Intern   July 2023 – October 2023
Wavesat Telecommunications Ltd   *Nigeria*
- Effectively troubleshoot LAN issues by liaising with ISPs, identifying root causes, and implementing comprehensive solutions to ensure optimal network performance.
- Consistently updated office laptops and IP phones with the latest security patches, maintaining security and compliance.

Software Engineering Intern   January 2023 – June 2023
Nithub   *Nigeria*
- Gained experience in backend development, focusing on scalable and efficient server-side applications using modern technologies and frameworks.
- Engineered comprehensive tests for React.js components, achieving 95% test coverage, which reduced post-release bugs by 80% and increased deployment confidence and velocity by 50%.

COMMUNITY SERVICE/ACTIVITIES

Software Engineering Tutor   February 2024 – Present
eCXUnilag   *Nigeria*
- Mentored over 100 aspiring engineers through real-world software projects using Git, Python, and modern web stacks, increasing project completion rates by 60% and accelerating their transition from theory to production-level development.

CERTIFICATIONS

React Leaning Program   2023
Andela   *View Certificate*
Nithub Fullstack software Engineer   2024
Nithub   *View Certificate*