

JOSHUA OLATUNDE FARAYOLA

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EDUCATION

University of Ibadan | Ibadan, Nigeria

Jun 2019 – Mar 2025

Bachelor of Science (B.Sc.), Computer Science (3.59/4.0 CGPA)

Relevant Coursework: Data Structures & Algorithms, Computer Operating Systems, Assembly Language Programming, Software Engineering, Systems Analysis, Compiling Techniques, Formal Languages & Automata Theory.

WORK EXPERIENCE

Edutech Portal Solutions | Software Engineer | Ibadan, Nigeria

Mar 2023 – Present

- Designed, developed, and currently maintain a scalable payment management system processing over ₦100M monthly.
- Worked on a comprehensive student portal and administrative platform used by 4,000+ students, staff, and administrators.
- Lead infrastructure efforts, ensuring high system reliability with a consistent 95% uptime across core services.

Crop2Cash | Backend Web Developer Intern | Ibadan, Nigeria

Jan 2022 – Apr 2022

- Developed an internal tool for customer support on Node.js that reduced response time by 15%.
- Improved internal API documentation using Postman, saving API onboarding and integration time by ~2 hours per project.
- Contributed to a major codebase refactor, reducing latency by 45% and reducing time-to-live for new features by 8%.

Daabo | Fullstack Web Developer | Lagos, Nigeria

Oct 2021 – Jan 2022

- Co-designed and implemented the initial architecture (with a 3-person team) using Node.js and Next.js.
- Introduced unit and integration testing with Jest, and monitoring tools, reducing bug reports by 20%.
- Streamlined CI/CD pipelines with GitHub Actions and Docker, improving deployment speed by 15%.

LEADERSHIP VOLUNTEER EXPERIENCE

Conference Co-Lead, National Association of Computing Students, UI

Jan 2025

- Co-led planning and execution of the department's first student conference in over a decade, bridging academics and industry.
- Collaborated with a team of 20 to manage logistics, secure 11 guest speakers from industry, and drive student engagement.
- Successfully coordinated an event that attracted 250+ attendees, establishing a model for future student-led initiatives.

Node.js and React.js Instructor, Google Developer Students Club

Nov 2021

- Taught a cohort of 32 students the fundamentals of full-stack development using Node.js and React.js.
- Designed and delivered project-based sessions covering RESTful APIs and frontend state management.

LEGO MINDSTORMS Instructor, Oyo Robotics

Feb 2020

- Co-developed and taught a LEGO MINDSTORMS EV3 robotics curriculum in 11 schools across Oyo State.
- Contributed to expanding STEM education access and sparking early interest in engineering and robotics among young learners.

CERTIFICATIONS

Cloud DevOps Nanodegree, Udacity

Jul 2022

Google Africa Developers Scholarship (Cloud Track), Google & Andela

Oct 2020

PROJECTS

Update Playlist | Java, Picocli, Graalvm Native Image | [Github](#)

Jan 2024

A CLI app that can help you update the metadata of your music files.

Udacity DevOps Microservices | CircleCI, Docker, Kubernetes | [Github](#)

Jul 2022

My final project for the Udacity DevOps nanodegree.

NOTABLE ACHIEVEMENTS

- Scholar, Nigeria Higher Education Foundation
- Dean's Roll of Honour (3x), Faculty of Science, University of Ibadan

Jun 2024

Feb 2024

SKILLS & INTERESTS

Technical Skills

Java, JavaScript, TypeScript, Python, Git, Unix, MongoDB, PostgreSQL, Spring Boot, React, Node.js, Docker, Kubernetes, CircleCI, Amazon Web Services, Google Cloud Platform

Soft Skills

Leadership, Attention to Details, Teamwork, Adaptability, Problem Solving, Time Management

Languages

English (*Fluent*), Yoruba (*Fluent*), German (*Beginner*)

Interests

Software Engineering, Music, Equity Financing, Business Administration, FinTech, Engineering Management, Technical Writing