IBIRONKE SAMSON BABATUNDE

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EDUCATION

OND, Computer Science 2018 – 2020
Yaba College of Technology, Lagos

Software Engineering Training May 2024 – 2025
Semicolon Africa

EXPERIENCE

Trainee Software Engineer May 2024 – Present
Semicolon Africa

- Improved code quality and accelerated development cycles by adopting Test-Driven Development (TDD).
- Built full-stack applications with React.js for dynamic frontends and SpringBoot, Flask, Django for robust backends.
- Developed RESTful APIs to enhance scalability and data exchange efficiency.
- Designed responsive UIs using React, Tailwind CSS, and Figma.

Project Head (EDUNE$T) – Student Loan Application System Feb 2025 – Present

- Developed a full-stack application for student loan application, including verification and admin approval features.
- Integrated document validation, user role authorization, and external school API.
- Secure JWT-based authentication and role access control.

PROJECTS

Electronic Medical Record with colleagues | *Move, Sui, Python and Node.js*
- Developed a Sui-based smart contract along side colleagues a decentralized medical record using Sui blockchain technology.

Edunest(Student Loan App) | *ReactJs, JavaScript, Tailwind, Postgresql, Springboot*
- Developed an e-commerce application that is based selling electronic materials using Reactjs, and Tailwind CSS for front-end development, and java for it back-end service and figma for its design.

E-commerceMarketPlace | *ReactJs, JavaScript, Tailwind, MongoDb*
- Developed and built a E-commerce application that for clothing and accessories using Reactjs and Tailwind CSS for frontend development, and java for backend service.

Contact Management System App | *ReactJs, JavaScript, Tailwind, MongoDb, Java*
- Contact management application using Java to develop its backend services and React for frontend.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, Move
Frameworks: Spring Boot, React.js, Vite, Flask, Sui
Developer Tools: REST APIs, Postman, Maven, Test-Driven Development (TDD), GitHub, GitHub Actions, Figma, HTML, CSS, Tailwind CSS, Redux, Web3
Databases: MySQL, PostgreSQL, MongoDB