

# ISAAC AYOBAMI OLANREWAJU

## SOFTWARE ENGINEER

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Senior Software Engineer with 6+ years of experience crafting secure, cost-effective, and user-friendly software solutions that meet user and business needs. My background in computer science fuels my expertise in building scalable enterprise applications within agile methodologies. I thrive in dynamic environments and tackle new challenges with a passion for innovation.

## PROFESSIONAL EXPERIENCE

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E-Top, Lagos, Nigeria 2022 – Present

### Lead Software Engineer

- Led the design and development of new technologies, and ensured the maintenance and optimization of existing systems.
- Collaborated within an Agile environment, actively participating in Scrum team sprint ceremonies for efficient project execution.
- Development of endpoints for the services provided by the company.
- Integrated various bank API's.
- Built the Agency banking core backend from the ground up.
- Developed an inhouse monitoring tool for field officers.
- Engaged in code base maintenance in languages such as Java and JavaScript.

Enkpay, Lagos, Nigeria (Remote) 2022

### Backend Engineer (Contractor)

- Developed Scalable REST-APIs .
- Wrote unit and integration tests to achieve 100% coverage.
- Developed an application that monitors the servers and databases for fraud.
- Developed settlement engines for payment processors.

Zage, San Francisco, California, United States (Remote) 2020 - 2022

### Senior Software Engineer

- Contributed to building and scaling Zage's core backend infrastructure from the ground up, including merchant APIs, database schemas and integrations, and cloud infrastructure.
- Consulted directly with integrated merchants & clients to gather feedback
- Configured and maintained Zage's API Gateway and user/merchant authentication.
- Developed backend APIs and libraries for seamless integration with various partner systems, streamlining data exchange processes across platforms. These solutions replaced the need for custom integrations, significantly reducing partner integration timelines from months to days.
- Worked on back-end to reflect users' financial ledgers

**Software Engineer**

- Developed a web payment portal and integrated with remita.
- Developed a Library Management application.
- I built a registration platform for students that also generates matriculation numbers for students.
- Built a CBT for examining students.
- Developed a curriculum to teach students Java.

Centre of Excellence for Sickle Cell Disease Research and Training, Abuja 2017 – 2020

**Fullstack Engineer**

- Developed a database that enrolled over 6000 sickle cell patients.
- Developed an automated recurring reports.
- Performed data analysis on over 6000 data sets.
- Trained over 30 data entry clerks in data management and analytics.

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**EDUCATION**

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Babcock University, Ilisan Remo, Ogun state, Nigeria

2013

**Bachelor of Science, Computer Science(Information Systems)**

- Awards: Microsoft Imagine Cup Winner (2012)

Scrum Study Project Management and Professional (PMP)

2022

Udemy, Principles of Secure Coding

2024

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**SKILLS & OTHER**

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Java, Springboot, Node.js, Express, TypeScript, JavaScript, Sequelize, MySQL, MongoDB, Docker, Git, GitHub, TDD (Test-Driven Development), Postman, Swagger, AWS, Redis, Kafka, RabbitMQ, Jenkins, GitLab CI/CD, JWT, Linux Administration, RESTful APIs, GraphQL

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**PROJECTS**

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- E-Top's Agency banking
- E-Top's Merchant application
- E-Top's Transaction monitoring
- Enkpay's payment portal
- Zage Ledger feature
- University of Abuja Library Management application
- CESRTA sickle cell database