

OLATUNJI ROKEEB OLANREWaju

Lagos, Nigeria | +2348100529552 | rokeeb.olatunji@gmail.com | <https://www.linkedin.com/in/rokeebolatunji/>

SOFTWARE ENGINEER

Versatile and highly skilled Backend Engineer with background in creating and executing innovative software solutions to enhance business productivity. Experienced in aspects of programming, web application development, software development lifecycle and end-to-end project management, from concept to development and delivery. Skilled at collaboration and coordinating cross-functional teams.

Technical Skills: M.S. Office, HTML5, PHP, Laravel, JavaScript, Nodejs, ExpressJs, NestJs, TypeScript, Spring Boot, Git, MongoDB, MySQL, PostgreSQL, VueJs, AWS, Linux

PROFESSIONAL EXPERIENCE

Backend Engineer (Contract) | Televerse LLC, Nigeria. (Remote). January 2024 - September 2024

Stacks: Typescript, NodeJs, NestJs, MongoDB, GraphQL, RabbitMQ, Redis, BullMQ, Docker, AWS

Delivered a robust backend for a social platform that gives users full control over their data, along with features for creators to engage and earn. Developed secure messaging and conferencing capabilities with advanced management tools.

Key Duties and Responsibilities

- Collaborated with a team of 5 developers to build backend logic for the social media platform, utilizing TypeScript, NodeJs, NestJS, and MongoDB.
- Designed and optimized database schemas in MongoDB to improve query performance and reduce data retrieval time by 30%.
- Worked with AWS cloud infrastructure to deploy microservices, monitor application performance, and troubleshoot production issues.
- Implemented event-driven microservices architecture using RabbitMQ, improving communication between services and ensuring seamless data flow across the platform.

Software Developer | SaverTech Limited, Ibadan, Nigeria. June 2022 – January 2024

Stacks: PHP, CSS, HTML, JavaScript, Nodejs, Typescript, VueJs, MySQL, Flutter, AWS

Software developer in a small team responsible for developing, managing and servicing innovative software solutions. Design and develop applications with focus on simplicity, reliability, manageability, scalability, and performance.

Key Duties and Responsibilities

- Collaborated with customer-facing roles to gather requirements, demo work, test new features, and obtain feedback
- Reduced search page response time by 30% through database query optimization and caching techniques, enhancing user experience and search accuracy.
- Led a team of 4 developers in building a proptech solution using PHP and Vue.js, showcasing exceptional leadership skills.
- Successfully implemented a new payment gateway that improved the checkout experience for customers and increased conversion rates by 15%.
- Proficient in various backend technologies including PHP, MySQL, JavaScript, Nodejs, Express, Typescript Vue.js demonstrated through diverse project involvement.
- Defined product requirements, created high-level architectural specifications, and collaborated effectively with QA, product design, and other engineers throughout the development lifecycle of GateNG, an estate management system.
- Implemented messaging platform integration (SMS and email services) for Multi-Factor Authentication (MFA) token generation and delivery, enhancing authentication processes.

Information and Digital Technology Intern | British American Tobacco Ibadan, Nigeria. September 2019 - February 2020

Provision of IT Technical Support to end users, applied technical skills to improve operational efficiency, enhance network security, and contribute to the overall reliability of the IT infrastructure.

Key Duties and Responsibilities

- Successfully automated IT asset inventory and deployment using Microsoft PowerApps, eliminating the need for manual tracking and reducing stress by 100%.
- Implemented a network segmentation scheme utilizing VLANs, firewalls, and VPNs, which significantly enhanced security by limiting malware spread and mitigating the impact of network attacks.
- Reduced system failure rate by 50% through proactive monitoring, diagnosis, and resolution of system problems, network connectivity issues, and hardware failures.
- Collaborated effectively with plant personnel, vendors, and contractors to troubleshoot and resolve connectivity problems in daily operations.

PROJECTS

SaveToBuy (NodeJs, NestJs, PostgreSQL, Prisma)

Played a key role in the maintenance of a savings application with over 2000 users. My responsibilities encompassed various aspects of backend development, ensuring the seamless integration of features such as savings, donation, marketplace, and overall user experience.

- Calculated and processed users' daily interest payments, ensuring accurate and timely distribution across over 2,000 accounts.
- Set up cron jobs for push notifications, including reminders and savings updates, to enhance user engagement and communication.
- Developed a feature allowing external donations to user savings plans, expanding the platform's use cases and user engagement.
- Collaborated with cross-functional teams, including frontend developers and designers, to ensure seamless integration between the frontend and backend components.
- Monitored and resolved deployment issues on AWS, ensuring high availability and optimal performance of the application.

Research Gains (NodeJS, TypeScript, PostgreSQL)

A Data collection application designed to facilitating easy and precise data collection, documentation, and analysis for individuals and organizations. Users can create surveys, target specific demographics, collect data, and monitor field assessments to gain real-time insights. The platform ensures quality assurance by accurately matching target groups. My focus was on payment and user transactions

- Integrated various payment gateways to facilitate secure and seamless transactions on the ResearchGains platform.
- Developed backend systems to manage and track user transactions, ensuring accuracy and reliability.
- Built a secure and user-friendly system for users to withdraw their earnings to bank or to purchase utilities such as airtime or data.

Cardify Africa (PHP, VueJS, MySQL, Flutter, AWS)

A fintech web and mobile application that lets user exchange, spend and save money across several digital wallets with NGN. Buy vouchers, pay utility bills leveraging fiat and other digital wallets seamlessly. My primary focus was on the utilities part and the administration system.

- Developed functionalities enabling the monitoring of transactions conducted through the platform.
- Implemented access control mechanisms to safeguard sensitive financial data and ensure data privacy.
- Designed and integrated features for users to seamlessly purchase airtime, data bundles, electricity units, vouchers and other utilities on the application.

LightNG (NodeJS, TypeScript, MySQL, Flutter)

As a Backend Developer for LightNG, I played a crucial role in the development and maintenance of a platform specializing in electricity vending services. My responsibilities spanned both frontend and backend aspects of the application, ensuring a seamless and user-friendly experience.

- Implemented robust features enabling customers to recharge their pre-paid electricity accounts through the platform.
- Integrated secure payment gateways to facilitate seamless and secure transactions
- Developed a wallet system to allow users to store funds within the platform for quick and convenient electricity vending.
- Innovatively integrated a bank account system to facilitate direct meter vending once customers deposited funds into their accounts.

EDUCATION

Obafemi Awolowo University, Ile-Ife, Nigeria | BSc. Computer Science with Mathematics

2016 – 2021

Relevant courses: Techniques in Software Engineering, Project Management, Natural Language Processing, Human Computer Interaction, Data Structures and Algorithms, Object Oriented Modeling, Research Methodology, Techniques in Data mining.

CERTIFICATIONS

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| • Certified Secure Computer User. EC Council. | Jan 2022. |
| • Web Development Course (NodeJs). Progate. | Feb 2022. |
| • Server-side Development with NodeJs, Express and MongoDB. Coursera. | March 2022. |
| • AWS Cloud Practitioner. | Aug 2022. |
| • Building Modern NodeJs Application on AWS. Coursera. | Dec 2022. |
| • Certified Cybersecurity ISC2 | Oct 2023. |