

EZEIRU-ELIAS CHUKWUBUIKEM EMMA

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SUMMARY

Passionate Backend Software Engineer focused on building scalable and reliable systems using Node.js and Java. Experienced in developing fintech and enterprise applications with proven track record of delivering secure and scalable solutions that support both web and mobile platforms.

TECHNICAL SKILLS

Languages: Python, Java, C, JavaScript, Typescript, SQL

Backend Technologies: Node JS, Express JS, Nest JS, Springboot, REST APIs, Microservices, JWT, RBAC, OAuth

Cloud DevOps: AWS S3, Docker, Kubernetes, Linux, CI/CD (Jenkins, GitHub Actions)

Database: MongoDB, MySQL, PostgreSQL, Prisma ORM, Knex.js, Type ORM

Developer Tools: Postman, IntelliJ J, VS Code, Jira

EXPERIENCE

Redtech Limited

Jan 2025 – May 2026

Backend Developer

- Developed and maintained 80+ RESTful API endpoints and microservices supporting mobile and web the Redpay fintech platform used by thousands of users.
- Built secure authentication and authorization systems using JWT and role-based access control (RBAC), protecting all platform endpoints across user, admin, and support roles.
- Architected and refactored backend systems for the Redpay mobile app, including bank transfers, automated reconciliation and recovery workflows, bill payments, virtual accounts, KYC onboarding, notifications, and admin management modules using Node.js and Express.js, enabling secure, scalable, and compliant financial operations while reducing manual intervention through workflow automation.
- Integrated OPay and internal Redpay pay with code using Java and Springboot, adding new merchant checkout and payment flows that expanded the platform's revenue streams
- Developed reporting services and middleware components for enterprise pro track management application using Nest.js and Java Springboot.
- Built the request engine architecture for the HeirsOne Super App with Nest.js, improving service communication and request processing reliability.
- Designed and optimised database schemas, migrations, and queries using PostgreSQL, Prisma, and Knex.js, improving query performance and data integrity across 5+ services in a high-volume production environment.

MTN Nigeria

Nov 2023 – Aug 2024

Developer and IT Support Engr

- Contributed to the MyMTN next-gen mobile app, implementing the Prestige feature and an in-app chatbot that improved self-service capability for millions of subscribers.
- Assisted in integration and configuration of the Thryve bundle within MTN digital platforms, supporting product testing and deployment readiness activities.
- Supported end users by troubleshooting software, hardware, and network-related issues, and managed device provisioning and system setup for newly onboarded

ALX Africa

Sept. 2022 – Oct. 2023

Backend Software Engineer (Bootcamp)

- Built scalable backend applications using Node.js, Express.js, MongoDB, and RESTful API architecture, including full authentication and authorisation systems implementing industry-standard security practices
- Collaborated with distributed teams on full-stack projects following Agile methodologies, with hands-on experience in Docker, CI/CD pipelines, Git workflows, and cloud deployment.

PERSONAL PROJECTS

Title: HR Management System

NestJS, PostgreSQL, Prisma, JWT, RBAC

Developed authentication, RBAC, Employee, Department, Designations, leave modules with JWT-secured endpoints and role-based access controls, providing scalable APIs for user and organizational management

Title: PersonalFlow

Java, Spring Boot, PostgreSQL

a Customer Relationship Management application to help small teams manage customer interactions and sales processes efficiently

EDUCATION

Federal University of Technology Owerri

Imo state, Nigeria

B.Tech-Electrical and Electronics Engineering

2017-2023

Coursework: Data structures, Algorithms, Databases, Machine Structures, Computer design, Software and Hardware.

VOLUNTEERING EXPERIENCE

RIGHT FOR EDUCATION

2024 - Present

- Educating and empowering people in Africa.

CERTIFICATION

2023 ALX Backend Software Engineer Certificate [link](#)

OTHER SKILLS

Software Microsoft office and Canva **Languages** English: Native. Japanese/French: Conversational.

REFEREES

Available on request