

# Osaro Igbinovia

[github.com/Osaroigb](https://github.com/Osaroigb) | [emmyigbinovia@gmail.com](mailto:emmyigbinovia@gmail.com) | [linkedin.com/in/osaroigb](https://linkedin.com/in/osaroigb) | +447466569309  
| Manchester, UK

## SUMMARY

Results-driven Software Engineer with a strong background in building scalable web applications and implementing effective DevOps practices. Skilled in developing backend solutions using JavaScript/TypeScript in Node.js and Python in Flask and Django, with a focus on creating seamless user experiences. Adept at developing server-side logic, ensuring high performance and responsiveness to requests from the front-end. Proven track record in CI/CD pipeline setup, infrastructure management, and automation, delivering high-quality code and solutions that directly impact the bottom line of a company.

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, TypeScript, HTML/CSS  
**Database:** MySQL, MongoDB, PostgreSQL, Azure Cosmos DB, Redis, Firebase, InfluxDB, Cassandra  
**Frameworks:** Django, Express.js, Flask, NestJS, FastAPI, Jest  
**Developer Tools:** Docker, VS Code, Kubernetes, Git, Linux, GitHub, Trello, Jenkins, Npm, Ansible, Yarn, Chrome DevTools, GitHub Actions, Slack, Bash Scripting, Jira, Terraform, Postman, TablePlus, Linear, Swagger UI, Gitlab CI  
**Libraries:** Sequelize, Axios, SQLAlchemy, Formik, Yup, Mongoose, KnexJS, Prisma  
**Others:** Rabbit MQ, NodeJS, Digital Ocean, AWS, Apache Kafka, Azure, OOP, Serverless Framework, CI/CD  
**Methodologies:** Agile, REST API, Domain Driven Design, Waterfall, Microservices, SOLID, Test Driven Design

## EXPERIENCE

**Senior Backend Engineer** Jun 2023 – Present  
*BlockOps Network | Full time* Delaware, United States

- Integrated Stripe API into backend services, reducing payment errors by 15% and increasing subscription sign-ups by 10%, improving user experience and operational efficiency.
- Successfully verified and enhanced GCP service account permissions, fortifying security measures and ensuring compliance, leading to a decrease in potential security vulnerabilities.
- Spearheaded the implementation of the 'Obol', 'Ethereum' and 'SSV' network for appchain node deployment, optimizing network performance and reliability, resulting in a 20% reduction in deployment failures.
- Skillfully implemented GitHub OAuth integration and Google SSO in the backend, enhancing user security and authentication while decreasing unauthorized access attempts.
- Migrated api-core-service from AWS to Digital Ocean resulting in streamlined processes and infrastructure cost savings of 20%.

**Python Developer** Feb 2024 – Dec 2024  
*Ajay Tech | Part time* Port Harcourt, Nigeria

- Designed and implemented a robust backend in Python for multiple projects, including a Payment Management Bot integrated with Google Sheets, a Mullvad Code and Account Management System using Django and MySQL, and a Currency Converter API with Python and Flask.
- Developed command handlers and APIs that facilitated operations such as customer management, payment recording, and currency conversion, reducing manual effort by 40%.
- Managed databases and implemented bulk operations for efficient data handling, which increased operational efficiency and streamlined workflow processes.
- Engineered scalable backend architectures and integrated caching mechanisms, improving API response times by 32% and ensuring high availability and performance under varying loads.
- Integrated with the Open Exchange Rates API to provide accurate currency conversion rates, reducing external API requests and improving service reliability.
- Collaborated with cross-functional teams to implement Tor network protocols for Onion Web App, ensuring enhanced user privacy and security measures.

## Senior Backend Developer

Feb 2024 – July 2024

*Resplach Inc. | Full time*

*Delaware, United States*

- Designed and implemented CI/CD pipelines using GitHub Actions for efficient deployment of Azure serverless functions, reducing deployment times by 26%.
- Integrated Bland AI for reminder calls and AI-driven chat features using ChatGPT, enabling automated and intelligent user interactions via WhatsApp.
- Implemented a scalable, serverless backend using Azure Function Apps and Azure Service Bus.
- Coordinated cross-functional teams to ensure seamless production deployments, resulting in zero downtime during critical feature rollouts.
- Developed and maintained the core business logic using Object-Oriented Programming and singleton design patterns.
- Enabled Slack notifications for deployment processes to enhance team collaboration and communication.
- Created detailed documentation and guidelines for junior and mid-level engineers to facilitate smooth onboarding and development processes.

## Backend Developer

Oct 2022 – Dec 2023

*Talen.ai | Full time*

*Lagos, Nigeria*

- Built API handling interfaces to add a layer of abstraction between Product APIs and 100s of customer APIs.
- Developed Cradle HRM into a multi-tenant application, collaborating with 3 engineers, a project manager, and a Tech Lead.
- Collaborated with other engineers in developing the core services that support talent searches, overseeing the creation of recruitment stages and associated assessment questions.
- Integrated Swagger UI website for all endpoints, providing enhanced visibility and documentation, which contributed to a 25% reduction in onboarding time for new developers.

## Software Engineer

May 2022 – Oct 2022

*THCO | Full time*

*Lagos, Nigeria*

- Participate in the entire application lifecycle, focusing on coding and debugging.
- Developed and deployed a responsive web application using React.js and Node.js, resulting in a 16% increase in user engagement.
- Integrated Cradle Schedule, a scheduling application, to automatically create time blocks for virtual meetings, enhancing scheduling efficiency.
- Collaborate with the Frontend Developers, DevOps Engineers and other product team members to establish objectives and design more functional, cohesive codes to enhance the user experience.
- Set up authentication and authorization mechanisms to ensure secure access to web applications.

## Software Engineer Intern

Sep 2021 – May 2022

*Cradle | Internship*

*Lagos, Nigeria*

- Provided frontline technical support to end-users, resolving hardware and software issues promptly.
- Conducted system diagnostics and troubleshooting to identify and resolve technical issues efficiently.
- Installed, configured, and maintained computer systems, networks, and peripheral devices.
- Offered user training to enhance IT literacy and promote self-sufficiency in resolving common issues.
- Conducted regular system updates, patches, and preventive maintenance to ensure system reliability.
- Monitored network performance, identifying and addressing potential issues to maintain optimal functionality.

## Portfolio

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[Portfolio link](#): A collection of my work as an experienced Backend Engineer. This portfolio showcases a range of projects that demonstrate my expertise in developing scalable backend solutions, integrating APIs, and implementing effective DevOps practices.

## EDUCATION

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### University Of Lagos

Lagos, Nigeria

*Bachelor of Science in Electrical Electronics Engineering*

*Sep 2013 – Oct 2018*