

Osinachi Chukwujama

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Work Experience

DSTRCT Tech

Utrecht, Netherlands

SOFTWARE ENGINEER & TECHNICAL LEAD

March 2025 – Present

- Serving as a core engineer and technical lead on a large-scale enterprise intranet platform, owning a GraphQL API backend (NestJS, TypeORM, PostgreSQL) spanning nearly 1,000 files across auth, user management, departments, documents, ticketing, chat, task management, risk assessment, scheduling, forms, and real-time communication via WebSockets.
- Reviewing and approving frontend pull requests to maintain code quality and consistency across the full stack.
- Driving project management responsibilities including sprint planning, task prioritization, and coordinating delivery across the team.

Zedu.chat

Lagos, Nigeria

BACKEND ENGINEER & DEVOPS LEAD

September 2024 – January 2026

- Built and maintained backend services using Python and Go, handling core platform logic and data processing pipelines.
- Managed a high-capacity VPS (20-core, 64 GB RAM), overseeing server provisioning, software updates, and system health.
- Owned the full deployment lifecycle including CI/CD pipelines, release management, automated backups, and DNS configuration.
- Mentored junior engineers on backend development practices, code quality, and system design.

Patricia Technologies

Lagos, Nigeria

FULL-STACK SOFTWARE ENGINEER

July 2021 – June 2023

- Implemented and optimized the admin dashboard of the crypto payment management system for the Patricia applications using React.js, Next.js, and TailwindCSS, resulting in an 80% improvement in payment management.
- Wrote and documented CRUD APIs related to customer payments on the Vaunt Laravel application.
- Implemented logging and monitoring using Sentry which helped identify bugs in the application, improving uptime by over 25%.
- Increased the security of the payment admin dashboard by 70% by implementing token-based Two-Factor Authentication, ensuring secure access to the payment system.
- Refactored the data fetching layer of the application to use React Query, reducing duplicated code and improving performance.
- Successfully enhanced the frontend resilience of the crypto payment management system by writing component and integration tests using Jest and Playwright, reducing app crashes in production by 90%.
- Reduced runtime bugs in the production environment of the payment management system by porting the JavaScript-based React application to TypeScript, ensuring smoother performance, type-safety, and efficient debugging.

Skills

Programming Languages: Javascript, Typescript, Python, Go, SQL

Frameworks: Nest.js, Next.js, React.js

Technologies and Tools: Git, Docker, GraphQL, Bash, Prometheus, Grafana

Soft Skills: Communication, Presentation, Critical Analysis, Technical Writing, Attention to detail

Education

Federal University of Technology, Owerri

Owerri

MECHANICAL ENGINEERING IN MECHANICAL ENGINEERING IN INDUSTRIAL AND PRODUCTION ENGINEERING

November 2017 – August 2023

GPA: 4.52

Projects

Da Chat App

A REALTIME CHAT APPLICATION BUILT USING WEBSOCKETS, SIGNED COOKIES, AND GRAPHQL, SUPPORTING CHATS IN ROOMS

NestJS, NextJS, GraphQL, Socket.io

<https://github.com/vicradon/tactology-global-chatapp>

Create Env Action

A GITHUB ACTION THAT CREATES .ENV FILES IN GITHUB ACTIONS WORKFLOW, STREAMLINING ENVIRONMENT CONFIGURATION.

GitHub Actions, .env, CI/CD

<https://github.com/vicradon/create-env-action>

Certifications

September 2024	Azure Administrator (AZ-104) , Awarded the Microsoft AZ-104 certification for demonstrating proficiency in deploying and managing Azure services.	Microsoft
June 2024	Azure Data Scientist Associate (DP-100) , Awarded the Microsoft DP-100 certification for demonstrating proficiency in running machine learning workloads on Azure.	Microsoft
May 2024	Github Actions Certification , Awarded the Github Actions certification for demonstrating proficiency in authoring workflows using GitHub Actions.	GitHub
September 2020	Azure Fundamentals (AZ-900) , Demonstrated proficiency in cloud computing on Azure and solutions built on the cloud, resulting in achieving the Microsoft AZ-900 certification.	Microsoft