

Jossy Chidi

Software Engineer

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Full-stack Software Engineer with 4+ years of experience building scalable web applications, AI-powered products, and security-oriented platforms. Strong background in React, TypeScript, Node.js, Python, and cloud infrastructure, with hands-on experience in API design, asynchronous systems, testing, and production reliability. Proven ability to ship user-facing products and backend systems with measurable business and operational impact.

Work Experience

ViroVanta (Cybersecurity) | Engineering Lead | Feb 2026 - Present

- Lead end-to-end development of ViroVanta, a malware and threat analysis platform spanning scan workflows, reporting, backend services, and production architecture.
- Architect scalable scan-processing workflows using Node.js, Express, BullMQ, Redis, and PostgreSQL to improve reliability, performance, and API/worker separation.
- Implemented security-focused capabilities including file, URL, and website safety scanning, signed PDF reporting, health and readiness monitoring, input validation, rate limiting, and ClamAV/YARA-based detection workflows.

Rexera (Real Estate) | Software Engineer | Jan 2024 - Jun 2024

- Built and deployed real-time web applications using React and Python/Flask for production use cases.
- Achieved 90% unit and integration test coverage, improving reliability and reducing regressions.
- Optimized AWS and Kubernetes infrastructure to improve scalability and reduce operational downtime.

Rexera (Real Estate) | Software Engineer Intern | Jun 2023 - Dec 2023

- Developed RESTful APIs with Python/Flask and implemented automated test suites across backend workflows.
- Applied SOLID principles to improve maintainability and scalability of core services.
- Supported production incidents and participated in architecture reviews with senior engineers.

Tradift (E-commerce) | Full Stack Developer Intern | Mar 2021 - Apr 2023

- Built and enhanced frontend and backend features across React, Django, and Django REST for customer-facing e-commerce workflows.
- Integrated social and content features, including a blog platform and Facebook/Twitter APIs, to improve user engagement.
- Optimized SQL queries and database schemas, reducing response times by approximately 25%.

Projects

Vertikal - AI Travel Planner

React, Node.js, Tailwind CSS, OpenAI API, DeepSeek API, jsPDF

- Built an AI-powered travel planning application that generates personalized itineraries through a chat-based user experience using LLM APIs.
- Developed backend workflows for itinerary generation and history tracking, and implemented PDF export so users can manage, revisit, and download structured travel plans.

EDSU Medical Student Association Platform

React, TypeScript, Next.js, Tailwind CSS, Node.js, MongoDB

- Led a small team in building a dues and payment management platform serving more than 1,000 medical students.
- Developed a responsive frontend and implemented real-time notification workflows backed by Node.js and MongoDB.

Klotter - Social Media App

Django REST Framework, Redis, WebSockets, Python

- Built a scalable social media platform featuring real-time messaging, personalized timelines, and trending topic discovery.
- Developed interactive backend services with Django REST Framework, Redis, and WebSockets to support low-latency, real-time user experiences.

Education

BSc Computer Science - Edo State University Iyamho (EDSU) | 2019 - 2024

ALX Software Engineering Program - Holberton School | 2021 - 2022

Certifications

Certified in Cybersecurity (CC) - ISC2 | Oct 2025

Google Cybersecurity Certificate - Google (Coursera) | Feb 2026

Skills

Languages: Python, TypeScript, JavaScript (ES6+)

Frontend: React, Next.js, Tailwind CSS

Backend: Node.js, Express, Django, Django REST Framework, Flask, REST APIs

Data & Infrastructure: PostgreSQL, MongoDB, Redis, BullMQ, AWS, Kubernetes, Docker, CI/CD

Security & Tooling: ClamAV, YARA, Git/GitHub, Test-Driven Development, Agile, SOLID principles