

Onyeibor Samuel

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Portfolio: <https://sam-3l.github.io> | GitHub: github.com/Sam-3l

FULLSTACK DEVELOPER

I'm a Fullstack developer who doesn't just build features, I create experiences. With a strong foundation in Python (Flask, Django) and React, I specialize in crafting fast, intelligent, and cleanly integrated systems from database to browser. I've built AI-powered tools, task management platforms, and real-time collaboration features that go beyond "MVP" into "this actually solves problems." I know how to ship and I obsess over the details users never see but always feel. If it needs to scale, look great, and think smart? I'm in.

CORE COMPETENCIES

Fullstack Web Development
AI Feature Integration
Scalable System Architecture

Frontend Engineering
Cloud Infrastructure & DevOps
Database Design & Management

Real-Time Application Development
Problem-Solving & Debugging
Rapid Prototyping & Product Thinking

PROFESSIONAL EXPERIENCE

U-Recover

Apr 2024 - Dec 2024

Lead Backend Developer

At U-Recover, a platform focused on mental health and recovery, I led the backend effort, architecting the systems that quietly power lives. I built and scaled APIs in Django, engineered clean database schemas with PostgreSQL, and tightened data flow for speed and security. From authentication flows to performance-critical endpoints, I made sure the platform stayed reliable when people needed it most. Working closely with frontend and product teams, I helped shape an infrastructure that wasn't just functional, it was dependable, human-first, and built to last.

Roomify

Jan 2025 - Present

Fullstack Developer & AI Systems Lead

Roomify reimagined campus life with smart lecture booking, geolocation-based attendance, and task tools, but I built what made it personal: an AI mentor that studied students' learning patterns, spotted weak points, and explained complex topics using their strengths. I built this as part of my fullstack role (React + Django REST), a system that guided, motivated, and actually understood students. Roomify wasn't just about managing schedules, it was about elevating learning with technology that actually understood the learner.

De Collaborators

Aug 2023 - Nov 2023

Backend Developer

I developed and maintained scalable RESTful APIs using Django and Django Rest Framework, optimized database performance, and collaborated with cross-functional teams to integrate backend services with frontend applications. My focus was on ensuring security, stability, and seamless user experiences.

TECHNICAL SKILLS

Languages & Frameworks

- Python, JavaScript, HTML, CSS, SQL
- Flask, Django, Django REST Framework
- React.js, Jinja2

Databases & ORMs

- PostgreSQL, MySQL, MongoDB, SQLite
- SQLAlchemy, Django ORM

Cloud & DevOps

- AWS (EC2, S3, Lambda)
- Docker, Git, CI/CD, Nginx, Gunicorn

AI & ML Integration

- OpenAI, Hugging Face, Google Gemini API
- Prompt engineering, AI-driven feature design, chatbot integration

Tools & Utilities

- Postman, pgAdmin, GitHub, VS Code
- Figma (for frontend collaboration)

Other Skills

- RESTful API design, authentication systems, role-based access control, performance optimization, secure backend practices

EDUCATION & CERTIFICATIONS

Python Programming Certification

Testdome, Kaggle (Data Science with Python)

B.sc Electrical And Electronics Engineering

Obafemi Awolowo University (Student)