

OSENI AYOMIDE DANIEL

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PROFESSIONAL SUMMARY

Full-Stack Software Engineer with **3+ years** building production-grade SaaS products, AI-powered pipelines, and backend APIs. Specializes in **Python (Django, FastAPI)** and **TypeScript (Next.js, Node.js, NestJS)**, with deep expertise in multi-tenant architecture, third-party API integration, and LLM-driven automation. Proven track record of independently designing, building, and shipping full products — from database schema to live deployment.

TECHNICAL SKILLS

Languages:	Python, TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3
Frontend:	React.js, Next.js 14, Tailwind CSS, shadcn/ui, Zustand
Backend:	Node.js, Express.js, NestJS, Django, FastAPI, Flask, GraphQL, REST API
Databases:	PostgreSQL, MySQL, MongoDB, Redis · ORMs: Prisma, Django ORM
AI & Automation:	OpenAI API, LangChain, LangGraph, CrewAI, Model Context Protocol (MCP)
Cloud & DevOps:	Docker, Vercel, Cloudflare Workers, Git / GitHub, CI/CD pipelines
Auth & Payments:	OAuth 2.0, JWT, BetterAuth, Stripe, Polar.sh
Architecture:	Multi-tenancy, Microservices, Webhooks, Event-driven workflows

WORK EXPERIENCE

Freelance Backend Developer

Mid 2025

Independent Contractor · Remote

- Unblocked a client's stalled product launch by diagnosing and fixing a broken AI integration — identifying misconfigured prompt chains and unreliable API error handling — resulting in a stable, production-ready feature shipped on schedule.
- Delivered clean, well-documented backend code for API clients, resulting in seamless handoff and zero rework requests post-delivery.

Backend Software Developer

Jul 2024 – Sep 2024

HNG Tech · Remote

- Improved sprint delivery velocity by collaborating in an Agile squad of 8 across PM, Frontend, and QA — conducting structured PR reviews and pair-programming — resulting in faster feature turnaround and consistently clean releases.
- Reduced post-launch bugs by **20%** by leading debugging and automated testing initiatives, resulting in a more stable CI/CD pipeline and fewer production incidents.
- Improved API response times by engineering and optimizing RESTful endpoints in Python, resulting in faster page loads and a more reliable experience for customer-facing features.
- Eliminated system bottlenecks by architecting normalized database schemas and modular backend logic, resulting in improved query performance and long-term platform scalability.

TECHNICAL PROJECTS

Notall — The Note-Taking App That Remembers Everything

notall.vercel.app · github.com/Oseni03/notall

Stack: Next.js 14, TypeScript, PostgreSQL, Prisma, BetterAuth, Polar.sh, Zustand, shadcn/ui, OpenAI API

- Delivered enterprise-grade data security from day one by architecting shared-schema multi-tenancy with strict organizationId isolation across every API route, resulting in zero cross-tenant data leakage.
- Eliminated user friction by building a Notion-like block-based rich text editor, resulting in an instantly familiar interface that removes the learning curve for new users.

- Prevented data loss by implementing full note version control with change history and one-click restore, resulting in confident, worry-free editing for every user.
- Created a clear revenue model by engineering tiered subscription gating via Polar.sh, enforcing Free plan limits and unlocking unlimited access for Pro users, resulting in a built-in upgrade path.

Clutterscore — AI-Powered Digital Janitor

clutterscore.vercel.app · github.com/Oseni03/Clutterscore

Stack: Next.js, TypeScript, OpenAI API, OAuth 2.0, Webhooks, PostgreSQL

- Gave teams real-time visibility across their entire digital workspace by engineering OAuth + webhook integrations with Google Workspace, Slack, Notion, and Dropbox, resulting in a live view of data sprawl without any manual auditing.
- Saved hours of weekly cleanup by architecting an AI-driven auditing engine that identifies digital clutter and auto-executes remediation workflows across Jira, Linear, and Figma, resulting in reclaimed productivity for engineering teams.

Admin Support Assistant — AI Virtual Assistant MCP Server

github.com/Oseni03/admin-support-assistant-mcp

Stack: TypeScript, Node.js, Cloudflare Workers, MCP, OAuth, Gmail, Google Calendar, Google Drive, Notion, Slack

- Eliminated repetitive admin overhead by deploying an MCP server on Cloudflare Workers integrating Gmail, Calendar, Drive, Notion, and Slack via OAuth, resulting in a fully automated pipeline for inbox triage, scheduling, and file organization.
- Reduced context-switching for knowledge workers by consolidating five tools into a single AI-driven interface, resulting in seamless cross-platform workflow automation.

SiliconBabylon — AI-Driven Satirical Tech News Platform

siliconbabylon.vercel.app · github.com/Oseni03/Silicon-Babylon

Stack: Next.js, TypeScript, LangGraph, OpenAI API, Automated Publishing, SEO

- Removed the human bottleneck from content production by architecting a LangGraph + OpenAI pipeline that generates and publishes contextually aware tech satire, resulting in a consistently updated publication requiring zero manual writing.
- Maximized organic reach by optimizing Core Web Vitals and on-page SEO, resulting in high Lighthouse scores and measurably improved search engine discoverability.

TempTrap — Deterministic Email Verification Platform

temptrap.vercel.app · github.com/Oseni03/temptrap

Stack: Next.js, TypeScript, PostgreSQL, Prisma, BetterAuth, Redis (Upstash), REST API, SMTP, DNS, RDAP

- Eliminated unreliable third-party dependency by engineering a deterministic email verification engine using parallel DNS MX lookups, SMTP mailbox probing, and RDAP domain-age checks, resulting in fast, consistent verdicts with zero LLM inference cost.
- Reduced repeated SMTP probe latency by 90%+ by architecting a Redis (Upstash) domain-level caching layer that returns cached verdicts instantly, resulting in dramatically faster API responses for high-traffic domains like Gmail and Outlook.
- Shipped a production-ready multi-tenant SaaS by integrating BetterAuth for organization scaffolding, API key generation, and per-key usage tracking, resulting in a secure, self-service onboarding flow with automatic Personal Project provisioning on sign-up.

EDUCATION

B.Sc. Mathematics · University of Lagos, Nigeria

2021 – 2026 (Expected)

- Applied linear algebra, probability, statistics, and combinatorial optimization to algorithms and system design, building rigorous analytical thinking directly transferable to software engineering.