Miracle Apata – Backend Engineer

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Summary

Skilled backend engineer with expertise in Python and TypeScript, experienced in building secure, scalable, and high-performance APIs for web and mobile platforms. Proven success collaborating across teams, optimizing systems, and deploying production-grade backend solutions using modern architectures and DevOps tools.

Technical Skills

- **Languages:** Python, TypeScript, JavaScript, SQL
- **Frameworks:** FastAPI, Django, Flask, Node.js, Express, NestJS
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis
- **DevOps & Tools:** Docker, GitHub Actions, AWS, Nginx, Linux, Git, PM2
- **Architecture:** RESTful APIs, Microservices, WebSockets, Serverless
- **Auth & Security:** JWT, OAuth2, Session Auth, RBAC
- **Testing:** Pytest, Jest, Postman, Unit & Integration Testing
- **CI/CD:** GitHub Actions, Docker Compose, AWS CodePipeline

Work Experience

Backend Engineer

[Jodna Technologies](#) — *Port Harcourt, Nigeria*
December 2024 – Present

- Led backend architecture for mobile and web platforms using FastAPI and Node.js.
- Integrated cloud storage, push notifications, and analytics.
- Mentored junior backend engineers and enforced best coding practices.

Backend Engineer (Contract)

[ScanifyDev](#) — *NJ, USA*
September 2024 – December 2024

- Built and deployed backend APIs using Python (FastAPI) and Node.js (Express).
- Collaborated on blockchain-integrated smart deal approvals and financial workflows.
- Managed scalable database schemas and CI/CD pipelines.

Backend Engineer (Internship)

[Sofgo](#) — *Ondo, Nigeria*
September 2023 – September 2024

- Developed RESTful APIs using Django and Node.js for logistics and e-commerce platforms.

- Implemented authentication systems, payment gateways, and deployment pipelines.
- Worked closely with mobile engineers to ensure seamless frontend-backend integration.

Projects

Token Realty Exchange – Decentralized Real Estate Commodities Platform

Tech: FastAPI, PostgreSQL, TypeScript, LoopBack, MongoDB, AWS
https://tokenrealty.exchange

- Built backend infrastructure for a decentralized platform enabling tokenization of real estate equity into commodities.
- Designed and implemented multi-role authentication for brokers, sales managers, financial advisors, and licensees.
- Developed KYC/AML verification workflows, token creation APIs, and location-specific AVM valuation logic.
- Engineered secure, compliant smart contract integrations with DAO oversight and Series LLC asset holding models.
- Ensured tokens are treated as commodities backed by deeds and mortgage filings—not securities— through strict business logic and validation pipelines.

Gamaliel Consult – Corporate Advisory & Mentorship Hub

Tech: Node.js, MongoDB, Express, TypeScript
https://www.gamalielconsult.com

- Built REST APIs powering a mentorship and business consultancy platform.
- Integrated appointment scheduling and mentor matching features.
- Developed custom role access for mentors, mentees, and admins.

TrackMeNg – Mobile Security & Tracking App

Tech: Node.js, TypeScript, PostgreSQL, JWT
https://home.trackmeng.com

- Developed backend APIs for a real-time tracking and alert system targeting individuals and security companies.
- Implemented live location logging, alert dispatch system, and personnel monitoring for security agents.
- Built features to support private fleet tracking, user subscriptions, and communication workflows.

PDF Webpage – Academic Document Sharing Platform

Tech: Node.js, TypeScript, MongoDB
https://pdf-webpage-ashy.vercel.app

- Engineered backend for an academic material-sharing platform for students and tutors.
- Enabled document upload, PDF categorization by course, level, and semester.
- Implemented email capture and notification system for new materials and updates.

Multi-Tenant Mobile API Backend – Jodna Technologies

Tech: FastAPI, MongoDB, Redis, JWT, PM2

- Architected scalable APIs supporting role-based access and real-time notifications for a mobile commerce app.
- Created a notification microservice using FastAPI + Socket.io.
- Integrated user analytics tracking and device token-based FCM support.

Education

B.Eng. in Electrical & Electronics Engineering
Federal University of Technology, Akure — Graduated 2024

Contact

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