

SAMAILA SOLOMON MONDAY

Backend-Focused Full-Stack Engineer

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PROFESSIONAL SUMMARY

Backend-focused Full-Stack Engineer experienced in building REST APIs, database-backed applications, authentication systems, and third-party integrations. Works primarily with Python, FastAPI, TypeScript, Node.js, and relational databases. Comfortable working across backend services and frontend applications to deliver functional, maintainable software. Interested in API architecture, database design, system reliability, and building practical solutions to real-world problems.

TECHNICAL SKILLS

Programming Languages: Python, TypeScript, JavaScript, SQL, Bash

Backend Development: FastAPI, Node.js, Express.js, REST API Development, JWT Authentication, Role-Based Access Control (RBAC)

Databases and ORM: PostgreSQL, MySQL, MongoDB, SQLAlchemy, Prisma, Mongoose

Frontend Development: React, Next.js, HTML, CSS, Tailwind CSS, Axios

Tools and Infrastructure: Git, GitHub, Docker, Docker Compose, Linux, Nginx, Alembic, CI/CD Fundamentals

Integrations: Paystack, WhatsApp Cloud API, Payment Verification, Email Integrations

PROFESSIONAL EXPERIENCE

Blockfuse Labs

Full-Stack Engineer Intern | July 2026 – Present

- Contribute to full-stack application development, working across backend services and frontend features.
- Build and integrate application functionality with APIs and database-backed systems.
- Collaborate with other developers to implement features, investigate bugs, and improve application reliability.
- Apply software engineering practices to build maintainable and well-structured applications.

TrueMinds Innovation

Backend Engineer Intern | 2025 – 2026

- Worked on backend APIs and database-backed application features.
- Implemented API functionality for assignments, submissions, grading, feedback, and progress tracking.
- Worked on enrollment, course-related routes, and application data management.
- Implemented authentication and role-based access control to protect application resources.
- Supported frontend integration by connecting React interfaces to backend endpoints.
- Worked with Docker Compose and Nginx in application deployment and environment configuration.

SELECTED PROJECTS

1. ConFam — Merchant Payments and Sales Management Platform

A WhatsApp-first platform for merchant onboarding, payment workflows, and sales records.

- Contributed to backend functionality involving payment links, bank resolution, and merchant operations.
- Worked with Paystack and WhatsApp Cloud API integrations.
- Supported database migrations and application testing.

Technologies: Python, FastAPI, PostgreSQL, Paystack, WhatsApp Cloud API, Alembic, Docker

GitHub: <https://github.com/DevSolex/ConFam> | **Live Demo:** <https://con-fam.vercel.app/>

2. Vintique — E-commerce Application

An e-commerce application with backend services for product management and payment verification.

- Contributed to backend APIs and product-management functionality.
- Worked on payment verification and product soft-deletion workflows.
- Supported database operations and backend maintenance.

Technologies: Python, FastAPI, PostgreSQL, SQLAlchemy, Payment Gateway Integration

GitHub: <https://github.com/Cohort-IV-Web2-Advance/vintique> | **Live Demo:** <https://vintique-one.vercel.app/>

3. Nex Innovations — Website and Supporting API

A web application built with Next.js and a supporting backend API.

- Contributed to frontend and API integration.
- Worked on database-related fixes and application validation.
- Supported email-related functionality and deployment maintenance.

Technologies: Next.js, TypeScript, Express.js, Prisma, PostgreSQL

GitHub: <https://github.com/DevSolex/NexInnovation> | **Live Demo:** <https://nex-innovation.vercel.app/>

4. Build Planner — Business Planning Application

A business-planning application featuring a guided questionnaire and structured plan preview.

- Contributed to questionnaire forms and frontend API integration.
- Worked on form validation and the plan export experience.
- Improved PDF download, loading, and error-handling states.

Technologies: Next.js, React, TypeScript, Zod, React Hook Form, REST API Integration

GitHub: <https://github.com/elcareem/build-planner> | **Live Demo:** <https://build-planner-sandy.vercel.app/>

ADDITIONAL STRENGTHS

- REST API design and integration
- Relational database modelling
- Authentication and authorization
- Backend debugging and troubleshooting
- Full-stack application development
- Docker-based development environments
- Collaboration using Git and GitHub
- Practical problem-solving and maintainable code