

Yassine Issoufou

Backend Engineer

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Summary

Backend Engineer specializing in Python. Self-taught developer who has built and deployed production web applications from the ground up. I have shipped over a dozen projects, taking ownership of backend architecture, database design, API development, authentication and authorization systems, automated testing, CI/CD pipelines, and cloud deployments from staging to production. As Co-Founder & CTO of Flow Theory AI, I built backend systems, automation workflows, and SaaS products for clients, helping turn ideas into reliable, maintainable software.

Skills

Languages: Python, SQL, Javascript

Databases: PostgreSQL, Redis, MySQL, MongoDB

Backend: Django, Django Rest Framework, FastAPI

DevOps: Docker, Nginx, GitHub Actions CI/CD

Professional Experience

Co-Founder & CTO, FlowtheoryAI [🔗](#)

01/2025 – present

Build and maintain backend systems, automation solutions, and SaaS products for clients, owning the full development lifecycle from architecture and implementation to deployment and support.

- Designed and developed APIs, business logic, database architectures for clients
- Implemented authentication, authorization, user management, and permissions systems
- Integrated third-party services, payment providers, and external APIs
- Established CI/CD pipelines, deployment for staging and production environments
- Worked with clients to translate business requirements into reliable software solutions

Co-Founder, CtrlF2 [🔗](#)

2023 – Present

Established secure development and deployment infrastructure, implementing version control governance, CI/CD security practices, and scalable backend architecture for startup software delivery.

- Designed backend architecture and deployment workflows for startup software projects
- Implemented GitHub Actions CI/CD pipelines and environment management
- Led development efforts across backend implementation and infrastructure setup
- Established containerized deployment workflows using Docker
- Reviewed system architecture and code quality to improve reliability

Projects

Flow Theory AI [↗](#), *Client Portal*

Built a secure client collaboration portal for managing projects, tasks, and communication between organizations and internal staff. Designed and implemented a Django REST backend with invitation-based authentication, role-based access control, and multi-organization support. Developed a React + Vite frontend with real-time messaging and notifications powered by Supabase Realtime, including unread message tracking and read receipts. Integrated email workflows for onboarding, task notifications, and account setup, while enforcing security through Row Level Security (RLS) policies and production-ready CI/CD deployment.

MusiquePeulh [↗](#), *Music Streaming*

Built and maintained the backend for a music streaming platform serving over 1,000 daily active users. Implemented JWT authentication, S3-compatible object storage, REST APIs, and scalable content delivery for music discovery and playback. **Github** [↗](#)

CodifyLive [↗](#), *Collaboration platform*

Built the backend for a real-time collaboration platform using FastAPI and Supabase. I used Supabase's real-time engine and PostgreSQL to handle instant messaging, typing indicators, and a friendship system with live online status. Also designed the data structure to support features like WebRTC for audio/video calls, a collaborative in-browser code editor, and a system for managing both local and uploaded files. **Github** [↗](#)

drf-boilerplate [↗](#), *DRF Production ready template*

An open source Django Rest Framework backend template implementing JWT authentication, user verification, password reset workflows, and production-ready security configurations.

Education

Computer Science, *Macomb Community College*

2021 – 2022

Warren MI