

DIEUDO TSHIBANGU

Backend Developer | Django, FastAPI & AI-Integrated Systems

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[GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Backend-focused developer specializing in Python — Django and FastAPI — building production-ready APIs, e-commerce platforms, and AI-integrated systems for startups and small businesses. Currently building TeamPilot AI, an AI-powered team coordination platform integrating IBM watsonx/Granite for grounded, data-driven recommendations. Comfortable working across the full stack with React and Tailwind CSS when a project requires a complete, cohesive product. Based in Bujumbura, Burundi, working remotely with international clients since 2024.

EXPERIENCE

Freelance Backend Developer — Self-employed (Upwork & direct clients)

2024 – Present

- Built TToô, a complete bilingual (English/Armenian) direct-to-consumer e-commerce platform for a client in Yerevan, Armenia, using Django, with a custom admin panel and integration with iDram, the local payment provider (Stripe/PayPal/Apple Pay/Google Pay unavailable in Armenia).
- Identified and fixed production bugs including double stock decrementation and payment callback parsing errors.
- Delivered the project with a cleaned database, full documentation, and a ready-to-deploy GitHub repository.
- Optimized Upwork Project Catalog listings for a FastAPI REST API service and a Django/FastAPI e-commerce backend, including pricing tiers and architecture diagrams.

IA TeamPilot — Independent Project (IBM AI Builders Challenge 2026)

2026

- Building an AI-powered team coordination assistant for software development teams, combining Django, PostgreSQL, React/Tailwind CSS, LangChain, and IBM Granite (via watsonx) for real-time workload and sprint recommendations.
- Implemented JWT-based authentication and a documented system architecture across 10+ chapters.
- Used IBM Bob as a development tool for scaffolding, code review, and test generation.

TECHNICAL SKILLS

Backend: Django, FastAPI, Python, REST API design, JWT authentication

Frontend: React, Tailwind CSS, HTML/CSS

Databases: PostgreSQL, MySQL

AI & Automation: LangChain, IBM watsonx/Granite, Prompt Engineering, Grounded AI Systems

Tools: Git/GitHub, Docker, Payment Gateway Integration (iDram)

EDUCATION

Université Lumière de Bujumbura (ULBU) — Informatique de Gestion (Business Informatics) 2024 – 2026 (expected)