

MALIK MUEGHE ABUEMKEZE CHU

Full-stack Developer

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PROJECTS

Tasky — Task Manager

<https://github.com/Chu29/tasky>

Developed Tasky, a full-stack task management web application featuring real-time task tracking, activity timelines, and user profile management. Implemented secure user authentication workflows using Firebase Auth integrated with a Next.js and TypeScript frontend. Architected a responsive UI with Tailwind CSS and connected backend services to a MongoDB database for persistent, scalable data storage.

Technologies: Next.js, TypeScript, Tailwind CSS, Firebase Auth, MongoDB

SKILLS

- TypeScript, JavaScript (Node), HTML5, CSS3, Tailwind CSS
- PostgreSQL, MongoDB, PostGIS
- Next.js, React, Vite, Express, Nestjs
- Firebase, Cloudinary, Vercel, Render

E-Commerce API — REST API

<https://github.com/Chu29/e-commerce-api>

Built a robust RESTful e-commerce backend API using Node.js and Express to manage categories, products, and dynamic inventory. Integrated PostgreSQL with Prisma ORM for type-safe database migrations and relational data management. Implemented cloud image uploads via Cloudinary and documented endpoints comprehensively using Swagger/OpenAPI.

Technologies: Node.js, Express, Prisma, PostgreSQL, Cloudinary, Swagger

EXPERIENCE

First Place Winner (AgroCrack / FarmDoc) | FarmerHack — Rebase Code Camp

- Won the 600,000 XAF grand prize with Team AgroCrack by building FarmDoc, an AI-powered WhatsApp diagnosis and update platform for farmers.
- Developed critical backend features, including farmer management modules, system health checks, and robust WhatsApp webhook integrations.
- Integrated OpenAI models with custom-engineered prompt refinements to minimize AI hallucinations, and implemented Redis caching alongside PostGIS spatial queries.
- Built smart follow-up assistance logic into diagnosis responses to ensure high-utility user interactions.

Technologies: NestJS, PostgreSQL + PostGIS, Redis, OpenAI API, WhatsApp Webhook API

Lead Developer | PawaPay Builders Sprint (Holdr)— Enovation Factory, Yaoundé

- Led the development team in building Holdr, a secure Escrow payment API designed to facilitate trust in transactions.
- Owned the end-to-end integration of the PawaPay payment gateway API and configured custom WhatsApp webhooks to enable seamless, chat-driven transaction flows.

Technologies: Node.js, Express, PawaPay API, WhatsApp Webhooks

Frontend Contributor | Wiki Mentors Africa Hackathon (Pula Web & Mobile)— Goethe-Kamerun

- Collaborated within a distributed, cross-border team of African developers to enhance the open-source Pula web and mobile repositories.
- Handled frontend UI/UX refinements, including building a dedicated FAQ page, optimizing responsive layout centering, handling conditional search parameters, and improving state management with Zustand.

Technologies: Next.js, Tailwind CSS, Zustand, Axios

EDUCATION

Rebase Code Camp, Yaounde — *Full-Stack Software Development Training*

July 2025 - Present

Hands-on software development, modern web engineering practices, API design, and collaborative building through intensive project sprints and hackathons.

Eschosys BHIFMET, Yaounde — *B.Tech. Software Engineering*

October 2025 - August 2026

Advanced software engineering principles, full-stack architecture, system analysis, and modern development workflows.

Heritage Higher Institute for Peace & Development Studies (HEHIPEDS), Yaounde — *HND Computer Hardware Maintenance*

October 2023 - June 2025

Core computer hardware maintenance, troubleshooting, networking fundamentals, and system-level infrastructure.