

Youssef Charif Hamidi · Software Engineer

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Summary

Software engineer with experience building production web and mobile applications. Shipped products from architecture to deployment, including a job platform that reached 1M+ impressions and a structured mathematics editor published on Google Play.

Experience

RemoteOtter – Co-Founder & Full-Stack Engineer | remoteotter.com

September 2024 – June 2026

- Architected, built, and deployed production remote-job platform using Next.js, TypeScript, PostgreSQL, Prisma, and NextAuth.
- Designed the relational schema and PostgreSQL indexes powering job search, companies, user accounts, saved jobs, applications, and email subscriptions.
- Built Python ingestion pipelines and cron jobs to aggregate, normalize, deduplicate, and refresh listings from job boards and applicant-tracking systems.
- Implemented advanced search, personalized job alerts, authentication, caching, payments, monitoring, and production deployment on Linux infrastructure.
- Helped grow the platform to **1M+ impressions**, **40K+ clicks**, and **200+ daily active users** within its first month.

Projects

MathVellum | play.google.com/store/apps/details?id=com.mathvellum.app

- Built and published a Flutter mathematics editor with a custom keyboard and structured expression engine for editing complex mathematical notation.
- Engineered a configurable shortcut parser, nested cursor and selection model, and layout engine powering interactive editing, LaTeX conversion, and vector PDF generation.
- Implemented offline persistence, auto-save, customizable shortcuts, multilingual support, and privacy-first local processing.

Sadim AI | sadim-ai.com | github.com/Chareeef/SadimAI

- Built a responsive AI chat application using Next.js, TypeScript, Firebase, NextAuth, and the Groq API.
- Implemented streamed responses, persistent conversations, generated titles, sanitized Markdown, and syntax-highlighted code rendering.

MemFlip | mem-flip.live | github.com/Chareeef/MemFlip

- Developed an AI-powered flashcard application with generation, saving, retrieval, and review workflows.
- Integrated Groq, Clerk authentication, Firestore persistence, and a responsive Next.js interface.

Technical Skills

Languages: TypeScript, JavaScript, Python, Dart, SQL, C.

Frontend: React, Next.js, Flutter, Tailwind CSS.

Backend & Data: Node.js, Express, PostgreSQL, Prisma, Flask, Django, MySQL, MongoDB, Firestore, Redis.

DevOps: Linux, Docker, GitHub Actions, AWS, DigitalOcean, Vercel, Caddy, Nginx, HAProxy, systemd, cron.

AI: Claude Code, OpenAI API, Groq API, Cohere, Pinecone.

Education

ALX Software Engineering

June 2024

- Completed a 12-month software engineering program covering systems programming, backend development, databases, algorithms, and DevOps.
- Achieved a final performance score of **145.52%**.
- Earned **Community Champion** recognition for advancing disability inclusion in tech.

Baccalauréat, Sciences Mathématiques

June 2022

Languages

English: B2 professional proficiency.

French: C2 professional proficiency.

Arabic: Native proficiency.