
MOHAMED TRIKI

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PROFESSIONAL SUMMARY

Software engineer and former Head of Development with 6+ years of experience turning ideas into real, working products from full-stack web apps to AI and Web3. I studied Computer Science in Belgium and learned most of the useful stuff by actually building things, breaking them, and fixing them again. I've worked with startups, led development teams, and owned projects from the first line of code to production. Currently working remotely from a beautiful island in Thailand while building and launching our own product. I enjoy fast moving projects, solving messy problems, and making things that people actually use.

WORK HISTORY

Lead Software Engineer, 11/2024 - Current

Sentigen – Remote

- Joined as one of the earliest core team members; led the end-to-end development of the platform's foundational infrastructure.
- Built and maintained scalable systems using **LLM agents**, **Firebase/Firestore**, **Celery**, **Redis**, and multiple third-party integrations (**Slack**, **Notion**, **Fireflies**, **Telegram**, etc.).
- Designed and owned critical components including the **Sales Engine**, **GenOS**, and orchestration layer for AI agents.
- Actively contributed to major product decisions, architecture choices, and company-wide strategy discussions across engineering, product, and GTM.
- Work is currently paused due to internal pivoting

Software Engineer, 12/2023 - 09/2024

wefixit GR – Patras, Greece

- Contributed across both frontend and backend on multiple client and internal projects, working closely with a small agile team.
- Built web interfaces using **React**, **TypeScript**, and **GraphQL**, focusing on usability and performance.
- Assisted in backend API development and database integration using **Node.js**, **PostgreSQL**, and **Python** depending on project scope.
- Helped debug and resolve production issues, and participated in QA/testing to ensure reliable deployments.
- Frequently adapted to new technologies and unfamiliar codebases, contributing to improved delivery speed and smoother handoffs.

Co-Founder and Developer, 03/2021 - 11/2023

Lexilot Web Development Agency – United Kingdom

As a co-founder and developer at Lexilot, I have gained valuable experience in team management, project delivery, and client relations. Working with Lexilot has sharpened my technical and teamwork skills, making me well-prepared to contribute effectively to your dynamic team

Website: <https://lexilot.netlify.app/>

Front-End Developer and Designer (Contractor), 01/2020 - 02/2021

Empire Pixel – Canada

As a Front-End Developer and Designer at Pixel Empire, I played a pivotal role in crafting exceptional web experiences and contributing to the company's success

- Performed manual and automated testing to ensure stability across range of devices and browsers.
- Maximized content versatility by adhering to accessibility standards following WCAG guidelines. Increased website accessibility by 30%, providing inclusive user experience for a broader audience.
- Improved JavaScript and CSS quality by conducting code analysis and recommending changes in policies and procedures.

SKILLS

AI & Intelligent Systems

- Integrated and orchestrated LLMs from OpenAI, Anthropic (Claude), Perplexity, Mistral, Cohere
- Built multi-agent systems with prompt chaining, context memory, and dynamic tooling
- Real-time AI workflows using Celery, Redis, and async agent orchestration
- Deep integrations with Slack, Telegram, Notion, Fireflies, and other platforms
- Implemented scalable vector search and semantic retrieval techniques

Blockchain & Web3

- Solidity smart contracts (EVM chains) and DApp development
- Wallet integrations: Phantom, Web3Auth, Crossmint
- On-chain/off-chain syncing, secure contract testing and deployment

Backend Engineering

- Node.js, Express, Next.js APIs, Django, Flask
- PostgreSQL, MongoDB, Firestore, Redis
- Celery, RabbitMQ, Kafka for async jobs and messaging
- REST APIs, WebSocket real-time apps, OAuth/JWT authentication
- CI/CD, Docker, AWS Lambda, serverless functions

Frontend Development

- React.js, React Native, TypeScript, Next.js (SSR/SSG)
- Tailwind CSS, Bootstrap; responsive & mobile-first design
- Redux, Zustand; Jest, Cypress testing
- Performance optimization, PWAs, frontend security

Tools & Practices

- Git, GitHub, Git Flow, feature branching
- Agile/Scrum, Jira, Trello
- TDD, code reviews, domain-driven design (DDD)
- Technical writing and async collaboration

EDUCATION

Bachelor of Science: Computer Science, 09/2024

KDG Antwerp, Belgium

Diploma of Higher Education: Mathematics, 05/2020

PORTFOLIO

Personal work :

• Live websites: • Designs:

- <https://www.play-vice.com/>

- <https://www.braintied.com/>

- <https://www.raiinmaker.com/>

- <https://figma.fun/jtQ0fR>

- <https://figma.fun/g830f9>

- <https://figma.fun/tDG036>

- <https://figma.fun/rW1tpT>

LANGUAGES

English: Advanced (c1)

French: Second language

Arabic: Native