

Oussama Kamili

FULL-STACK SOFTWARE ENGINEER

CONTACT INFO

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SUMMARY

I am a full-stack software engineer experienced in designing scalable, maintainable applications with robust performance and modular architecture. I work independently and collaboratively, producing clear, well-documented code and thoughtfully structured systems.

LATEST PROJECTS

GamePad – Social & Gaming Web Platform

TypeScript • Fastify • WebSockets • SQLITE • OAuth2

- Engineered a high-performance platform for real-time gaming and social interaction, with secure accounts, two-factor authentication, live chat, and a dynamic friend system.
- Implemented secure systems for user management, session handling, chat and statistics tracking, and a serial system for managing sensitive requests.

JetServer – High-Performance HTTP Engine

C++98 • Makefile • HTTP/1.1 • Sockets • Docker

- Built a modular, event-driven HTTP/1.1 server with persistent connections, flexible routing, virtual hosting, CGI support, and auto-indexing.
- Developed configurable logging, error handling, and deployment tools for extensibility and developer convenience.

SKILLS

Programming & Scripting:

C • C++ • Bash • SQL • HTML5 • CSS3 • TypeScript
JavaScript (ES6)

Frontend & Backend:

React.js • Node.js • Fastify • REST APIs • OAuth 2
DOM & BOM • AJAX • JSON • JWT

DevOps & Tools:

Docker (Compose, Swarm) • Nginx • Apache
Makefile • Git • Vim • npm • Markdown

Databases & Caching:

MySQL • MariaDB • SQLite • PostgreSQL • Redis
MongoDB

EDUCATION

1337 Coding School – 42 Network

Digital Technology Architect | 2022–2025

Project-based experience in problem-solving and full-stack software engineering using diverse technologies.

LANGUAGES

Arabic • Native

English • Fluent

French • Intermediate