AHMED GHOUNAMI

Full-Stack Web Developer — Software Engineering Student
Paris, France — +33744270326 | ahmedghounami0@gmail.com
Portfolio | LinkedIn | GitHub

PROFILE

Full-stack web developer and software engineering student seeking a work-study (alternance) or internship in France starting October 2026. Experienced in building complete applications with React, Next.js, Fastify, Express.js and SQL/NoSQL databases. Completed the intensive peer-to-peer Common Core at 1337 Coding School (42 Network) and will continue my studies at 42 Paris starting October 1, 2026, giving me full flexibility for an onsite alternance rythme in the Paris region. Comfortable working autonomously, learning fast, and delivering production-ready features under tight deadlines.

SKILLS

Languages: HTML, CSS, Tailwind CSS, JavaScript/TypeScript, C, C++, Python, Node.js

Frameworks & Tools: React, Next.js, Fastify, Express, NestJS, FastAPI, Docker, Git, Figma, Postman, n8n

Databases & APIs: PostgreSQL, Supabase, MongoDB, SQLite, REST APIs, OAuth2.0, WebSockets

Blockchain: Solidity, Smart Contracts, ERC-20/BEP-20 standards, Hardhat, Truffle, Remix, Web3.js, Testnets, Blockchain Explorers

EXPERIENCE

Full-Stack Web Developer — TALIO *6 months*

- Built scalable web applications and automated business workflows using n8n.
- Designed and orchestrated complex automation workflows and integrated third-party APIs.
- Delivered production-ready features with a strong focus on performance, reliability, and user experience.

EDUCATION

42 Paris (42 Network) *Oct 2026 – Present*

- Continuing my software engineering path at 42 Paris.

1337 Coding School — UM6P (42 Network) *2023 – 2026*

- Completed 20+ hands-on software engineering projects: full-stack web development, mobile development, systems programming, networking, Docker-based infrastructure, machine learning, and algorithms.
- All projects built and validated through 1337's peer-to-peer learning environment and rigorous technical code reviews.
- Relevant coursework: Full-Stack Web Development, Containerization, OOP, Databases, Data Structures & Algorithms, Operating Systems, Network Programming & Administration.

PROJECT WORK

- **Real-Time Multiplayer Gaming Platform —** Developed a full-stack multiplayer ping-pong platform (Next.js, Fastify, SQLite3) with real-time gameplay sync, matchmaking, tournaments, live chat, profiles, authentication and stats.
- **HTTP/1.1 Web Server —** Built an HTTP/1.1 server from scratch in C++98 with non-blocking I/O (poll()), GET/POST/DELETE support, config-file parsing, CGI execution, sessions, cookies, custom error pages and file uploads.
- **Video Streaming Platform —** Developed a full-stack platform for searching and streaming legally distributable content via the BitTorrent protocol, with auth, multilingual profiles, advanced search/filtering, subtitles, and a secured OAuth2 REST API.
- **Containerized Web Infrastructure —** Designed and deployed a multi-container production-style infrastructure with Docker Compose (NGINX, WordPress/PHP-FPM, MariaDB, Redis, Adminer), with isolated networking, persistent storage, and TLS 1.2/1.3 HTTPS.
- **Real-Time Multiplayer Puzzle Game —** Built a real-time networked multiplayer puzzle game using a full Full-Stack JavaScript stack (React, Redux, Node.js, Socket.io) with synchronized piece sequences across players, room-based sessions via dynamic URLs, live opponent "spectrum" views, and functional-programming client logic; reached 70%+ unit test coverage (Jest) as part of a CI-ready pipeline.
- **Custom Blockchain Token —** Designed, developed and deployed a custom BEP-20 token smart contract (Solidity, Hardhat/Remix) on the BNB Chain testnet, including ownership/privilege security controls, verification and publication on a blockchain explorer, and full technical documentation covering token design, security, and deployment.

ADDITIONAL INFORMATION

- Languages: Fluent in Arabic and English; beginner-level French — comfortable in multicultural, international environments.
- Strong communication skills: gathering requirements, aligning expectations, and delivering under tight deadlines.
- Fast learner, highly adaptable to new technologies and environments; passionate about scalable problem-solving.