

YASSIR BAHRAOUI

Final-Year Software Engineering Student | AI Agents & Blockchain Developer

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PROFILE

Final-year Software Engineering student specializing in AI agents and Blockchain development. Experienced in building decentralized applications, smart contract tooling, and integrating intelligent backend systems. Proficient across the full stack—from React/TypeScript interfaces to Spring Boot/Node.js APIs and EVM-compatible networks. Currently developing CLI tooling at FeverTokens; seeking a research-oriented (PFE) internship to architect real-world, AI-driven, and Web3 software solutions

SKILLS

Backend: Spring Boot, Java EE, Node.js, Laravel, Python, PHP, C/C++, REST API

Databases: Oracle Database, PostgreSQL, MySQL, Firebase Firestore

Blockchain: Solidity, OpenZeppelin, Hardhat, Ethers.js v6, Web3.js, IPFS, Pinata, MetaMask

Research & Benchmarking: Technical benchmarking, comparative tool evaluation, technical documentation, bug analysis & reporting

Frontend: React 19, Vite, TypeScript, JavaScript ES6+, Tailwind CSS, Bootstrap, Framer Motion, HTML5, CSS3

Mobile: Flutter, Dart, Firebase Authentication, Firebase Firestore, Google Maps API, QR Code

Quality & DevOps: SDLC, Agile, Scrum, unit testing, integration testing, functional testing, TDD, Git, GitHub, Docker, CI/CD

AI & Data: Machine Learning, Deep Learning, Power BI

EXPERIENCE

Blockchain Developer Tooling & Automation Engineer | FeverTokens, Paris, France | *June 2026 - Present*

Developing Fever CLI, FeverTokens' command-line tool for deploying and managing smart contracts on a Package-Oriented Framework (EIP-2535 Diamond standard).

Blockchain & Full Stack Engineering Intern | Khaoulaj Group Operations, Meknes | *July 2025 – August 2025 (2 months)*

Developed a decentralized digital marketplace on BlockDAG (EVM) using React 19 and Ethers.js v6, with IPFS/Pinata storage and Hardhat.

Mobile Development Intern | 1337 Coding School, Khouribga | *April 2024 – May 2024 (2 months)*

Developed the Busify mobile application in Flutter/Dart for a school with 1,000+ students, integrating Firebase Authentication, QR code ticket validation and Google Maps API across 3 bus lines.

Web Development Intern | 1337 Coding School, Khouribga | *May 2023 (1 month)*

Developed and designed a responsive forum web app in React.js, JavaScript ES6+ and HTML5/CSS3.

ACADEMIC PROJECTS

EduLink Course Management Platform | ENSIASD | *C++, OOP*

Desktop application for managing courses and educational resources with teacher and student interfaces.

Blockchain Academic Certification System | ENSIASD | *React.js, Spring Boot, Solidity, PostgreSQL*

Diploma verification application using QR Code in under 3 seconds, with anti-fraud logic on Ethereum.

EDUCATION

State Engineering Degree | Software Engineering | *2024 – Present*

National School of Artificial Intelligence and Data Sciences, Taroudant - Engineering Cycle, Software Engineering | Expected 2027.

University Technology Diploma - Computer Science, Software Engineering option | *2022 - 2024*

Higher School of Technology (EST), Khenifra

LANGUAGES

Arabic: native | French: fluent | English: fluent

ASSOCIATIONS

Green Step Association France - IT Manager

ENSIASD Theatre Club - Board member

ESTK Digital Club - Board member

Enactus ESTK - Board member