

Aymane El Maini

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Location: Marrakesh, Morocco

Software Engineer

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EXPERIENCE

- **ProgressSoft Corporation** Jordan (Remote)
Associate Software Engineer Nov 2024 – Present
 - **PayHub:** Contribute to PayHub, a leading enterprise payment hub in the MENA region, developing and maintaining backend APIs and microservices for global payment processing including SWIFT integrations and Visa transactions.
 - **Financial Services:** Build scalable and secure financial services using Java, Kotlin, and Spring Boot following Domain-Driven Design principles for banking and financial institutions.
- **Foodeals** Fez, Morocco
Full Stack Developer Intern May 2024 – Aug 2024
 - **Full Stack Development:** Developed full-stack applications using Spring Boot for backend and Angular for frontend, implementing RESTful APIs and responsive user interfaces.
 - **DevOps & Containerization:** Containerized applications using Docker and collaborated with cross-functional teams using Git for version control.
- **ICF Communication** Marrakesh, Morocco
Front-end Developer Intern Apr 2023 – Jun 2023
 - **Web Development:** Built responsive web applications using HTML5, JavaScript, CSS3, and Tailwind CSS with a strong focus on usability and performance.

EDUCATION

- **YouCode - UM6P** Safi, Morocco
Software Engineering Diploma 2023 – 2025
- **Ecotstig** Marrakesh, Morocco
Software Engineering Studies 2022 – 2023

PROJECTS

- **Klox — Java Interpreter:** Tree-walk interpreter implemented in Kotlin following Crafting Interpreters. Supports variables, control flow, functions, closures, and class-based OOP.
- **Clox — C Interpreter:** Bytecode compiler and stack-based virtual machine written in C. Covers tokenization, compilation, execution, heap allocation, and garbage collection. Tested using Criterion.
- **LinkUp — Friend Matching Platform:** Spring Boot and Kotlin backend using DDD and functional core imperative shell architecture. PostgreSQL, Docker, GitHub Actions CI/CD, and React Native mobile application. Tested with Kotest

SKILLS

- **Programming:** Java, Kotlin, C/C++, Go, TypeScript, JavaScript, PHP
- **Backend:** Spring Boot, Spring Data, JPA, Hibernate, Exposed ORM, REST, JEE
- **Frontend:** Angular, React, Next.js, HTML5, CSS3, Tailwind CSS
- **Databases:** PostgreSQL, Oracle, MSSQL, MySQL, MongoDB, Oracle AQ
- **Testing:** JUnit 5, Mockito, Kotest, Criterion, Testcontainers, TDD
- **DevOps:** Docker, Kubernetes, GitHub Actions, AWS, GCP, Linux
- **Architecture:** DDD, Microservices, Functional Programming, Design Patterns

LANGUAGES

- **Arabic:** Native **English:** Intermediate **French:** Intermediate