

# Aymane El Maini

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Location: Marrakesh, Morocco

# Software Engineer

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## EXPERIENCE

### ProgressSoft Corporation

#### Associate Software Engineer

Jordan (Remote)

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

#### Full Stack Developer Intern

Fez, Morocco

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

#### Front-end Developer Intern

Marrakesh, Morocco

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

#### Software Engineering Diploma

Safi, Morocco

2023 – 2025

### Ecotstig

#### Software Engineering Studies

Marrakesh, Morocco

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