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