AYOUB ESSARGHINI

Full-Stack Software Engineer | Java / Spring Boot / Angular

Benguerir, Morocco | Open to remote and on-site roles
+212 681 406 518 | contact@ayoub-essarghini.com
linkedin.com/in/ayoub-es-sarghini | github.com/ayoub-essarghini

Summary

Full-stack software engineer with 4+ years of experience in Java, Spring Boot, Angular, and TypeScript. Currently building an enterprise risk assessment platform at Vast-Security with Spring Boot microservices, Keycloak access control, RabbitMQ messaging, and Angular dashboards. Previously built web and mobile applications for 50+ freelance clients.

Experience

Vast-Security **Remote, France**

Full-Stack Software Engineer *Jan 2026 to Present*

- Built and maintained microservices for an enterprise risk assessment platform with Java 17, Kotlin, Spring Boot, MongoDB, Spring Cloud Gateway, and Spring Cloud Config.
- Documented over 60 risk assessment API endpoints with OpenAPI and consumed them from the Angular frontend with HttpClient.
- Configured Keycloak roles and claims to secure API endpoints and service-to-service communication.
- Set up RabbitMQ messaging between services and added circuit breakers so one failing service does not take down the others.
- Fixed production bugs in backend services and Angular interfaces.

Frontend Developer – Angular *Sep 2025 to Jan 2026*

- Built Angular monitoring dashboards, using RxJS for data streams and NgRx to manage application state.

La Maison Marocaine du Livre **Remote, Morocco**

Full-Stack Web & Mobile Developer (Freelance) *Feb 2024 to Jan 2026*

- Maintained Laravel APIs and updated frontend interfaces for a live e-commerce platform backed by MySQL.
- Rewrote slow MySQL queries to cut API response and page load times.
- Managed the Linux VPS, deployed services with Docker and Docker Compose, and configured reverse proxies.

Independent Developer **Remote, Fiverr**

Freelance Software Engineer *May 2022 to Jan 2024*

- Delivered e-commerce platforms, blogs, and SaaS applications for 50+ international clients, using Java/Spring Boot, Laravel, or Node.js depending on the project.
- Built mobile applications with Flutter, Java, and React Native.
- Handled projects end to end: requirements, database design, APIs, user interfaces, and bug fixes after delivery.

Projects

WanderWise
Travel marketplace with agency tools for bookings, listings, and customer management.

- Built Java 17 and Spring Boot microservices, using Eureka for service discovery and Kafka for messaging.
- Added JWT and OAuth2 authentication, wrote PostgreSQL migrations with Flyway, and documented APIs with OpenAPI.
- Built Next.js interfaces with React and TypeScript, with role-based access and client-side state management.
- Added email notifications with Spring Mail and Thymeleaf.
- Automated Docker deployments to production servers with GitHub Actions.

Onyx
Trading platform with transaction workflows and real-time market data.

- Structured the Spring Boot backend using Domain-Driven Design, with Spring Data JPA, Hibernate, and PostgreSQL.
- Validated transaction inputs with Jakarta Bean Validation and used Spring transaction management for database operations.
- Secured backend APIs with Spring Security and JWT authentication, and wrote tests with JUnit 5.
- Built trade execution interfaces and displayed live market data received over WebSocket/STOMP.

iMohami
Case management and billing software for law offices.

- Built REST APIs with Python, Django REST Framework, JWT authentication, and PostgreSQL.
- Added billing logic to track client budgets and legal fees.
- Built law office dashboards and client portals with data tables.

Technical Skills

- **Languages:** Java 17, TypeScript, Kotlin, Python, SQL, HTML, SCSS
- **Backend:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Node.js, Django REST Framework, Laravel
- **Frontend:** Angular, RxJS, NgRx, React, Next.js, Vue.js, Tailwind CSS
- **Databases:** PostgreSQL, MongoDB, MySQL, Redis, Flyway
- **Architecture & Messaging:** REST APIs, Microservices, Domain-Driven Design, SOLID Principles, Apache Kafka, RabbitMQ
- **Security:** Keycloak, Spring Security, JWT, OAuth2
- **Spring Cloud:** Gateway, Config, Eureka
- **Testing & API Tools:** JUnit 5, OpenAPI
- **Development & Deployment:** Git, Maven, Docker, Docker Compose, Kubernetes, GitHub Actions, Linux
- **Email & Real-Time:** Spring Mail, Thymeleaf, WebSocket STOMP

Education

1337 Coding School – UM6P, 42 Network **Oct 2023 to 2025**
Project-based software development curriculum

OFPPT **2020 to 2022**
Specialized Technician Diploma, Digital Development

Languages

Arabic (Native) | French (Professional Working Proficiency) | English (Professional Working Proficiency)