

Makan KOUYATÉ

Software Engineer

✉ kouyatemakan100@gmail.com 🏠 Open to remote work

🔗 <https://portfolio-mohmk.vercel.app>

📍 Dakar

📞 +221 78 197 50 48

Full-stack software engineer (Java, TypeScript). Creator of two published open-source tools (Maven Central, npm, VS Code & JetBrains). Former maintenance technician (2+ years), bringing rigor and method to software development.

TECHNICAL STACK

Back-End

Java 21 • Spring Boot 3 • Spring Security • Spring Data JPA • REST APIs • Maven & Gradle

Front-End

TypeScript • Angular • JavaScript (ES6+) • TailwindCSS • HTML5/CSS3

Mobile

Swift/SwiftUI • Kotlin • Flutter

Databases

SQL (PostgreSQL & MySQL) • NoSQL (MongoDB)

DevOps

Docker • Kubernetes • Jenkins (CI/CD) • Python

Collaboration & Version Control

Git/GitHub/GitLab • Postman/Insomnia • Jira/ClickUp

PROJECTS

Changelog Hub

2026

[Open-source Remote](#)

- Java 21, Spring Boot 3, Angular 18, PostgreSQL, TypeScript, Kotlin
- Automatic breaking-change detection for APIs (REST/GraphQL/gRPC/AsyncAPI), **8 platforms, 1700+ tests**

Spring Test Generator

2025

[Open-source Remote](#)

- Java 17, Spring Boot 3, Mockito, Testcontainers, Maven Plugin, Gradle Plugin, VS Code Extension
- Automatic Spring Boot test generation, cutting test-writing time by **~70%**

PROFESSIONAL EXPERIENCE

Independent Software Engineer / Founder

Since 2025

[MohMak & Co. Dakar, Senegal](#)

- Design and development of **SaaS** and **micro-SaaS** full-stack products under a sole proprietorship
- Security by design, scalable architecture, and multi-provider payment integration

Senior Maintenance & Optimization Technician

From Sept. 2020 to Dec. 2022

[X@LISO PMC CARRUS Bamako, Mali](#)

- Led preventive and corrective maintenance, ensuring **98% machine availability**
- Optimized spare-parts inventory management, reducing technical downtime
- Trained and mentored new technicians to improve team performance

EDUCATION & TRAINING

IBM Full Stack Software Developer Coursera / IBM Online	From Dec. 2024 to May 2025
Professional Certificate (15 courses): HTML, CSS, JavaScript, React, Node.js, Python, Flask, Django, Docker, Kubernetes, CI/CD, Cloud Native, Microservices · https://coursera.org/verify/professional-cert/U1RYUCRMWQ6F	
Professional Specialization Certificate (CPS) - Web & Mobile Developer Sonatel Academy · Orange Digital Center Dakar, Senegal	From Feb. 2024 to Nov. 2024
- Intensive, selective program, 100% focused on hands-on practice and project delivery - Key skills: software architecture, front-end, back-end and mobile development - State-recognized diploma, awarded in partnership with the Ministry of Vocational Training	
Bachelor's Degree in Software Engineering NIIT Dakar Senegal	From Jan. 2023 to Jan. 2024
Final-year thesis defended in 2026 · Highest Honors · SenCours project (e-learning platform)	
Diploma issuance pending official program accreditation	
Bachelor's Degree in Electrical Engineering & Renewable Energy TechnoLab ISTA Bamako, Mali	From Sept. 2020 to Jun. 2021
Technical Degree (DUT) in Electronics & Computer Maintenance TechnoLab ISTA Bamako, Mali	From Oct. 2019 to July 2020

KEY STRENGTHS

Quality-driven engineering
Automated testing and CI/CD at the core of the workflow. End-to-end ownership: design, development, distribution, and maintenance. Active monitoring and adoption of emerging technologies (**agentic AI**)

PROFILES

 @Mohmk10
 @mohmk

LANGUAGES

French

- C2 (working language)

English

- A2 (technical reading)

INTERESTS

Strategy & Sport
Chess · Football & Basketball ·
Philosophy, Strategy & Geopolitics ·
Reading