# Wajdi MDAINI *Software Engineer*

wajdimd@gmail.com

Phone: +216 22967653

Address: Kasserine Nord, 1200, Kasserine, Tunisia

GitHub: github.com

LinkedIn: linkedin.com/in/wajdi-mdaini

Portfolio: wajdidev.com

## About Me

Full Stack Developer with over 5 years of experience building scalable web applications using Java (Spring Boot) and Angular. Skilled in translating business needs into robust, high-quality solutions with a strong focus on performance and Agile practices. Known for resolving complex issues efficiently, collaborating across teams, and adapting quickly to evolving technologies. Committed to clear communication and maintaining high standards through detailed testing and code reviews.

## Technical Skills

**Backend:** Java, Spring Boot/MVC/Security, REST APIs, Microservices

**Frontend:** Angular (7-19), TypeScript, PrimeNG, HTML5/CSS3, JavaScript

**Databases:** MySQL, PostgreSQL, H2, ORM/JPA

**Tools:** Git/SVN, Postman, Swagger, JIRA, IntelliJ/Eclipse

**Practices:** Selenium, Functional Testing, Agile/Scrum, UML, Bug Fixing

## Professional Experience

**Analyst developer**                                                       Jun 2020 – Jul 2025 │ Tunis, Tunisia
**Vermeg for banking & insurance software**
Project: Money for Life (Insurance Domain)
- Implemented two-factor authentication (2FA) for both Employer and Employee portals using InfoBip for SMS delivery and SMTP for email verification, enhancing overall platform security and user trust.
- Led full-stack development for two portals (Employer/Employee) using Spring Boot (Backend) and Angular 9/12 (Frontend).
- Cut incident resolution time by 60% by identifying root causes early, applying temporary fixes when needed, and delivering long-term solutions for over 100 high-priority issues.
- Upgraded Angular across multiple versions (12, 16, 18, 19), significantly improving application stability and reducing load time by 30%. Enforced code quality through peer reviews and functional testing, helping catch 90% of issues before release.
- Automated cross-portal UI testing with Selenium, increasing regression test coverage from 30% to 85% and reducing manual testing time by over 50%.
- Collaborated in Agile/Scrum teams of 6+ developers, using JIRA to manage tickets and GitLab/SVN for version control

**Software engineer**                                                       Aug 2016 – May 2020 │ Monastir, Tunisia
**Nouvelair**
- Algerian Customs Declaration: Provided production support, debugging, and hotfixes using Spring MVC, Angular 7, and MySQL.
- Flight Consulting API: Designed a real-time flight data API with Spring Boot and PostgreSQL.
- Sales Application Optimization: Enhanced features and performance using Spring MVC, JSP, and PostgreSQL.

- <u>Unbilled Flight Control</u>: Developed a flight record management system with Spring Boot and Angular 7.

**Freelance full stack developer (part-time)**          Sep 2019 – Feb 2020
**Self-employed (alongside full-time role)**
- <u>Sports Center Management</u>: Built a booking system with role-based access (Spring Security), cutting manual scheduling by 70%.
- <u>Insurance Platform</u>: Designed a secure policy management system with JWT authentication, reducing claim processing time by 30%.
- Delivered two freelance projects on time using Agile practices, completing both in under 6 months and providing post-launch support that resolved 90% of reported issues within the first two weeks.

## Education

**Technical training**          Oct 2019 – Dec 2019 │ Sousse, Tunisia
**FormaPlus training center**
Angular 7, Spring MVC 5, Spring Boot, Spring Security

**Oracle Certified Associate (OCA), Java SE 7 Programmer**          Jan 2018 – Mar 2018 │ Sousse, Tunisie
**Self-directed study**
Certification ID: 1Z0-803

**Engineer certificate in software engineering**          Sep 2013 – Sep 2016 │ Sousse, Tunisie
**EPI - International multidisciplinary school**

**University degree of networks and computer services**          Sep 2010 – Aug 2013 │ Kasserine, Tunisie
**Higher institute of technological studies**

**Bachelor degree of computer science**          Sep 2006 – Jul 2010 │ Kasserine, Tunisie
**High school**

## Languages

**Arabic:** Native

**English:** Fluent

**French:** Proficient