Wajdi MDAINI *Full Stack Developer*

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Location: Tunisia

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Portfolio: wajdimdaini.dev

About Me

Full Stack Developer with 9+ years of experience designing, building, and maintaining scalable web applications using Java and Angular. Strong background in enterprise and production systems, with hands-on experience across backend, frontend, security, and performance optimization. Known for taking ownership of features end-to-end, delivering reliable solutions, and working comfortably independently or within distributed Agile teams.

Technical Skills

Backend: Java, Spring Boot, Spring MVC, Spring Security │ REST APIs, Microservices, JWT, Spring Data JPA │ WebSockets (STOMP), SMTP (Thymeleaf)

Frontend: Angular 20, TypeScript, JavaScript │ HTML5, CSS3, PrimeNG, Tailwind CSS, ngx-translate

Databases: PostgreSQL, MySQL, H2 │ JPA / Hibernate

Deployment/DevOps: Docker, Nginx, SSL │ VPS deployment (OVH)

Tools: Git, SVN, JIRA, Postman, Swagger │ IntelliJ IDEA, Eclipse

Testing & Practices: Selenium (E2E) │ Agile / Scrum, Functional Testing, UML

Professional Experience

Freelance Full Stack Developer (part-time)   Aug 2025 – present │ Kasserine,Tunisia
Self-employed
WorkSync – Full Stack HR Management System (Spring Boot + Angular 20)
- Designed and developed a full-stack HR management platform, owning the system end-to-end from architecture to production.
- Built a secure backend using Spring Boot, Spring Security, JWT, BCrypt, and Spring Data JPA, including authentication, authorization, and role management.
- Implemented real-time notifications using WebSockets and STOMP, along with SMTP email notifications using Thymeleaf templates, improving user engagement by 25%.
- Developed a modern Angular 20 frontend using PrimeNG, ngx-translate, and Tailwind UI, focusing on usability and maintainability.
- Deployed and maintained the application on a VPS using Docker, NGINX, and SSL, ensuring secure and reliable production access.
- Implemented end-to-end automation tests with Selenium to validate critical user flows.
Links:
- **Live App:** worksync.tn
- **User Guide:** wajdimdaini.dev/documents/worksync-user-guide.pdf
- **Selenium test:** wajdimdaini.dev/tests/worksync-manage-users-automation.rar

Full Stack Developer (full-time)   Jun 2020 – Aug 2025 │ Tunis,Tunisia
Vermeg for banking & insurance software
Project: Money for Life (Insurance Domain)
- Reduced incident resolution time by 60% by identifying root causes early, delivering temporary fixes, and implementing long-term solutions for over 100 high-priority issues.
- Implemented full-stack development of Employer and Employee portals using Spring Boot (backend) and Angular (9–12) (frontend).
- Upgraded Angular across multiple versions (12 → 16 → 18 → 19), improving application stability and reducing load time by 30%.
- Increased regression test coverage from 30% to 85% by automating cross-portal UI tests with Selenium, cutting manual testing time by over 50%.
- Enforced code quality through peer reviews and functional testing, helping catch ~90% of issues before release.
- Collaborated within Agile/Scrum teams (6+ developers) using JIRA for ticketing and GitLab/SVN for version control.

Java Developer (full-time)   Aug 2016 – May 2020 │ Monastir,Tunisia
Nouvelair
- Led multiple production systems in the aviation and customs domains using Spring MVC / Spring Boot, and PostgreSQL/MySQL.
- Provided production support, debugging, and hotfixes for critical applications, ensuring system stability and continuity.
- Designed and implemented backend services, including a real-time flight data API.
- Contributed to frontend features and integrations using Angular 7 when required.
- Improved application features and performance across internal sales and flight management systems.

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, Tunisia
Self-directed study
Certification ID: 1Z0-803

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

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

Bachelor degree of computer science   Sep 2006 – Jul 2010 │ Kasserine, Tunisia

Languages

Arabic: Native

English: Fluent

French: Proficient