

# MARIEM BADIS

Senior Frontend Developer | Angular & React | TypeScript

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**Senior Frontend Developer with 6+ years** of experience building scalable, high-performance applications using **Angular (v14–20)** and **React 18**. Strong expertise in **NgRx, Redux, RxJS, micro-frontend** architectures, and frontend **performance optimization**. Proven track record delivering high-traffic platforms with **clean, maintainable code**, accessibility (**WCAG**), and **automated testing**.

## PROFESSIONAL EXPERIENCE

### Senior Freelance Frontend Developer

Gazela Technology

02/2025 - Current  
Tunis, Tunisia

- Architected a modular frontend architecture using **React** and **TypeScript**, applying **SOLID** and **clean code** principles to increase maintainability and SonarQube quality scores by 40%.
- Boosted application performance and Core Web Vitals through efficient rendering, **state management**, and performance tuning, improving user experience metrics by 35%.
- Integrated secure **REST APIs** with **JWT-based authentication**, reducing latency by 40% and strengthening frontend security and reliability.
- Mentored a team of 4 frontend developers, establishing **architectural standards** and best practices that increased delivery efficiency by 25%.

### Senior Frontend Developer

M&C Aero

11/2023 - 01/2025  
Tunis, Tunisia

- Directed the frontend development of a payment reconciliation platform using **Angular** and **React**, reducing initial load time by 30% and increasing adoption across 200+ enterprise clients.
- Engineered scalable state management with **NgRx** and **Redux**, applying **modular design** principles to accelerate feature delivery by 20% and reduce maintenance complexity.
- Refined application responsiveness through **lazy loading**, **code splitting**, and advanced change detection, increasing overall user satisfaction.
- Established unit and end-to-end testing practices with **Jasmine**, **Karma**, and **Jest**, reducing regression issues by 25% and strengthening release stability.

### Frontend Developer

Rhis software

07/2019 - 10/2023  
Tunis, Tunisia

- Spearheaded development of large-scale HR platforms serving 1,400+ organizations, applying scalable frontend architecture and component-based design using **Angular** to improve performance, reliability, and adoption.
- Constructed reusable **UI components** and **shared libraries**, following DRY principles to reduce development time by 20% and ensure consistent user experience.
- Fortified application stability through advanced **RxJS** patterns, refined **state management**, and targeted **refactoring**, enhancing **responsiveness** at scale.
- Collaborated within Agile teams on code reviews, **CI/CD** improvements, and **UX implementation** aligned with accessibility (**WCAG**) standards.

### Web developer

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05/2018 – 07/2019  
Tunis, Tunisia

- Developed internal web tools using component-based architecture, streamlining marketing workflows.
- Translated UI/UX designs into responsive, cross-browser interfaces, improving conversion rates by 10% through A/B testing and usability improvements.
- Applied clean coding and maintainability principles, ensuring reliable and scalable web applications for internal teams.

### Web developer & UI designer

Business Invent

11/2015 - 04/2018  
Tunis, Tunisia

- Delivered a secure, responsive public information portal, applying accessibility standards and improving usability for 20,000+ users.
- Coordinated within Agile teams to develop features, fix bugs, and ensure timely delivery across multiple releases, applying clean code and maintainability principles.
- Implemented consistent responsive interfaces from design mockups, enhancing user experience and engagement.

- Created and maintained responsive web interfaces, integrating accessibility (WCAG) standards across 10+ applications, improving Lighthouse scores by 10 points in close collaboration with designers and developers.

## SKILLS

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- **Frontend Development:** Angular 14–20, React, TypeScript, JavaScript (ES6+), HTML5, SCSS, Responsive & Cross-Browser Development
- **Architecture & State Management:** NgRx, Redux, RxJS, Modular Architecture, Micro-Frontends, Component-Based Design, NX Monorepo, SOLID Principles
- **Performance & Quality:** Lazy Loading, Code Splitting, Change Detection Optimization, Core Web Vitals, Refactoring, Unit & E2E Testing (Jasmine, Karma, Jest, React Testing Library)
- **APIs & Security:** REST & GraphQL APIs, JWT Authentication, OAuth2, Keycloak, Backend Integration (NestJS, Node.js, Java/Spring Boot)
- **UI & Design Systems:** Angular Material, PrimeNG, Bootstrap, Material-UI, Accessibility (WCAG / a11y), BEM
- **DevOps & Tooling:** Git, Docker, Jenkins, GitLab, CI/CD, ESLint, SonarQube, Webpack, Vite
- **Ways of Working:** Agile / Scrum, Jira, Confluence, Figma, Code Reviews, Mentoring

## SOFT SKILLS

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- Collaborated within cross-functional teams of up to 10 members, ensuring timely project delivery by effectively prioritizing tasks and adapting to requirements;
- Successfully led small teams within Agile frameworks, fostering collaboration, and iterative improvement;
- Actively facilitated open communication and knowledge sharing within teams, contributing to innovation;

## EDUCATION AND TRAINING

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Professional Master's in Software Engineering | Higher Institute of IT & Mathematics of Monastir, Tunisia | 2012

Bachelor's in Computer Science | University of Sciences of Monastir, Tunisia | 2009

## LANGUAGE SKILLS

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**German** B1

**English** B2

**French** B2

**Arabic** Native

