Moataz Mhamdi

Software Engineer

Full stack Web Developer | Full stack Mobile Developer

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Experience

Full Stack Developer, **Orange Tunisia** – Tunis, Tunis   Jan 2025 - September 2025

- **Project:** PanneAuto – A mobile application with a dashboard web aiming to connect clients with professional automobile service providers. It simplifies service providers' search via Google Maps, enables real-time messaging, and integrates Google authentication via Firebase.
- Designed and implemented a robust backend using NestJS, improving data organization and system reliability by 25%.
- WebSocket for real-time messaging between clients and service providers.
- Google Maps API integration for locating nearby service providers.
- Firebase Auth for secure Google login.
- Built a cross-platform mobile application with React Native, implementing solution pattern for scalable and maintainable state management.
- Coordinated development workflows through GitHub (CI/CD, code reviews) and Jira (sprint planning, issue tracking), which boosted team efficiency by 25% and reduced integration conflicts by 40%.
- **Technologies:** NestJS, React Native, PostgreSQL, ReactJS, TypeScript, Git, Docker

Full Stack Developer , **Westic** – Tunis, Tunis   June 2024 - November 2024

Project: StrapiGen – A developer tool that automatically generates backends with REST APIs, and deploys them to GitHub using CI/CD pipelines.

- Implemented server-side functionality using Node.js and Express, enabling automatic REST API generation based on user input, improving development speed by 30%.
- GitHub Actions configured for CI / CD integration, reducing deployment time by 40% and ensuring continuous delivery.
- Applied Scrum methodology for efficient project management and team collaboration, resulting in 20% improvement in team productivity and timely deliverables.
- **Technologies :** NodeJS, Express, NextJS, JavaScript, Docker, SQL , CI/CD, Git , Jira

Full Stack Developer, **OSTRIX** – Sousse, Tunis   Jan 2024 - May 2024

Project: Pawluse – A comprehensive veterinary clinic management system for veterinarians and assistants. Manages appointments, pet records, invoicing, and daily workflow.

Designed and implemented a robust backend using NestJS, improving data organization and system reliability by 25%.

- Utilized Docker for streamlined deployment, boosting scalability and ensuring uniform environments
- Created a responsive and user-friendly interface for veterinarians and assistants using React.js and Tailwind CSS, improving user experience and engagement by 20%.
- **Technologies :** NestJS ,PostgreSQL ,NextJS, TypeScript, Git, Docker

Education

Esprit School of engineering, Software Engineering   Sept 2019 – 2025
- **Master's degree**

Tools and Technologies

Programming language: JavaScript, TypeScript, Dart, Java.
Téchnologies / Frameworks : NestJs, NodeJs, ReactJs, Next.js, React Native, Flutter, Spring Boot.
Deployment / Automation: Docker, CI/CD, AWS (Lambda, API Gateway, S3).
Database: PostgreSQL, MongoDB (NoSQL), MySQL.
Version Control / Project Management: Git, Github, GitLab, Jira, Scrum.

Languages

- English : Fluent (B2)
- French : Fluent (B2)
- Arabic : Native (C2)