

Oueslati Iheb

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ABOUT ME

Full-stack developer capable of designing, securing, and deploying complete web applications from frontend to backend. Strong experience in software architecture, deployment automation, and cloud integration. Results-oriented, I deliver reliable and high-performance solutions tailored to business needs.

WORK EXPERIENCE

Trust-gym, Full stack developer

06/2024 – 08/2025 | Tunis

Built a multitenant gym membership & store management application using NestJS, PostgreSQL, and Next.js, enabling efficient member and subscription management.

- **Developed secure authentication** and role-based access control (RBAC) in the frontend using NextAuth.
- **Designed and implemented RESTful APIs** for managing members, subscriptions, invoices, and products.
- **Enabled full i18n support**, opening app usage to both Arabic and French speaking clients.

Aigot, Full stack developer

12/2022 – 03/2024 | Italy - remote

- **Migrated .NET microservices to Express.js**, saving the company hosting costs associated with maintaining an extra stack of the SaaS and simplifying the stack for smoother deployment.
- **Upgraded and maintained critical Google APIs** (Maps, Maps Booking, Google My Business, Google Analytics, Search Console, Site Verification), ensuring continuous app functionality by securing the onboarding of new clients and access to core data. These migrations improved the app's reliability and prevented disruptions.
- **Implemented META PAGES API** which provided time measured insights about the user's Facebook Page. This will allow them to track the efficiency of their marketing actions.
- **Implemented a restaurant table reservation and seating management module**, successfully released to production and used by end customers.

Groupado, Front end developer intern

08/2022 – 11/2022 | Tunis

- **Developed the front end** of an E-learning certification dashboard using **Next.js**.
- **Documented the code** using **documentation.js**.

Attijari Bank, Full stack developer intern

02/2020 – 09/2020 | Tunis

- **Developed a module** for managing administrative documents using Spring, Primefaces, JasperReports, Hibernate and PLSQL.

PROJECTS

Designed and built a distributed backend for festivals and events ticketing platform using **.NET 8**, following **Clean Architecture**, **Vertical Slice Architecture**, **DDD**, and **CQRS**.

- Implemented secure authentication and role-based access control.
- Payment gateway for ticketing system built with **Outbox pattern**, **RabbitMQ**, **MassTransit** & **Stripe**.
- Implemented a **CI/CD** pipeline for automated deployment to **Azure**, with the database hosted on **Supabase**.
- Integrated **OpenTelemetry** with **Grafana Cloud** to centralize and visualize application traces, logs, and metrics across distributed microservices.

TECH STACK

Languages, Frameworks, libraries: JavaScript, TypeScript, C#, .NET, Java, Spring Boot, PHP, Express.js, Nest.js, React.js, Angular, Next.js.

Databases: MySQL, MongoDB, PostgreSQL.

Technologies, Utilities, Architectures: Azure, Docker, Grafana, Github actions, Jenkins, CQRS, REST, gRPC, Chrome Extensions, Redis, Google APIs, HTML, CSS, Tailwind, Jest, Git, GitLab / GitHub, Trello, Slack, Linear, Jam.

EDUCATION

Software engineering degree

2020 – 2023

Private Higher School of Engineering and Technology ESPRIT

Bachelor's degree in computer sciences

2017 – 2020

Higher institute of multimedia arts, manouba ISAMM