

Mohamed Aziz El Hani

Software Engineer

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SUMMARY

Software engineer who builds scalable full-stack applications from design through deployment. I work mainly with React, Next.js, Node.js, NestJS, and TypeScript, with a focus on architecture, performance, and clean code. My experience spans enterprise systems, real estate platforms, and real-time applications, covering API development, database design, and cloud deployment with Docker and Azure.

WORK EXPERIENCE

Software Engineer & Technical Lead · Don Bambaloni

Jan 2025 – Present · Dubai, UAE

- Own architecture and technical decisions across the company's software systems.
- Own the full development lifecycle, from design and implementation through testing and deployment.
- Manage production environments and CI/CD automation, including server hardening and release management.

Software Engineer · Dundill

Jul 2024 – Dec 2024 · Sousse, Tunisia

- Designed and developed scalable web applications with React.js, Next.js, and Node.js (Express.js).
- Built and optimized RESTful APIs for reliable, high-performance backend services.
- Developed responsive, user-centric front-end interfaces and collaborated with design, product, and backend teams.
- Supported deployment with Docker and Azure, and helped maintain CI/CD pipelines for smoother releases.

SELECTED PROJECTS

GatheredHQ · Multi-Restaurant Ordering Platform

- Built a platform where multiple restaurants manage menus and take orders, developed end to end on Next.js, NestJS, and PostgreSQL, with Redis for caching.
- Built an AI feature that automatically converts an uploaded menu photo or PDF into a complete digital menu, and an in-app AI assistant that chats with guests and recommends dishes.

Don Bambaloni · ERP Platform

- Built a custom ERP platform (React, Node.js, TypeScript) that manages the company's operations in one system: invoicing, delivery orders, driver dispatching, HR, and sales.
- Developed core modules including automated financial reporting and internal HR workflows.

Benefits Properties · Real Estate Digital Platform

- Built a real estate platform with React and Next.js focused on lead generation and conversion.
- Designed a custom CMS and an internal Kanban-based CRM to manage listings and sales pipelines.
- Ran cloud infrastructure on Azure with containerized Docker deployment.

Cleaning & Property Maintenance Platform

- Developed a dual-sided on-demand marketplace (Flutter + Firebase): providers manage cleaners, schedules, and pricing; customers book and pay online via Stripe.
- Built a web admin dashboard for booking, workforce assignment, and property management, with Firebase Firestore for real-time sync across mobile and web.

More work (YalaGlow, Obsidian Force, and others) is available at medazizelhani.com.

SKILLS

Languages	JavaScript (ES6+), TypeScript, Java
Frontend	React.js, Next.js, Component Architecture, Performance Optimization, Responsive & Mobile-First Design
Backend	Node.js, NestJS, Express.js, RESTful API Design, Scalable Backend Architecture
Databases	PostgreSQL, MongoDB, MySQL, Redis, Firebase Firestore, Data Modeling & Query Optimization
Cloud & DevOps	Docker, CI/CD Pipelines, Azure
Tools	Git, Webpack, Postman, Agile / Scrum

EDUCATION

B.Eng. in Software Engineering

ESPRIT, School of Engineering and Technology, Tunis · 2021–2024

Preparatory Cycle

EPI, International Multidisciplinary School, Sousse · 2019–2021

LANGUAGES & MORE

Languages

Arabic (native) · English · French

Conferences

GITEX Global · AI Everything · Dubai