





Mohamed Ben Othman

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Experience

AZcare – Remote, US May 2025 – Present

Frontend Engineer & SEO specialist

- Built and deployed SEO-optimized doctor profile pages, implementing an automated release pipeline to ensure scalability and consistency.
- Developed AI-powered content generation processes that injected relevant keywords and sections into pages, applying the Avalanche SEO strategy to improve both SEO and AEO performance.
- Improved Core Web Vitals by redesigning UI/UX, optimizing load speeds, and refactoring code for more efficient user experiences

UBIAI – Remote, US Nov 2023 – Apr 2025

Full Stack Web Developer

- Developed a web application leveraging AI models to extract and label information within documents.
- Configured and fine-tuned large language models (LLMs) to meet specific client requirements.
- Managed integrations with third-party applications, including Google Sheets, OneDrive, QuickBooks, and Dropbox.
- Oversaw the deployment of a web application on automation platforms (Zapier and Make)
- Integrated AI services such as OpenAI, Gemini, and Document AI to enhance application functionality.

Tsunami IT – Remote, Canada Aug 2022 – Oct 2023

Full Stack Developer

- Developed an Agritech farm management ERP system.
- Developed and published an Android mobile application for the farm management ERP
- Managed AWS cloud infrastructure and deployment pipelines for automated releases.
- Developed and automated API tests and code maintenance processes.

Skills

- Programming Languages** : TypeScript, Python, JavaScript, HTML/CSS, PHP, GO, Dart
- Web & Mobile Development** : Angular, Next.js, Django, Laravel, express.js, mongoDB, PostgreSQL, MySQL, Flutter
- Code maintenance & testing** : Jest, DTF, PHPUnit, Eslint, SonarQube
- UI Design** : Figma, Design Systems & Components, Responsive UI design
- Certifications** : MOS: Word, Excel & PowerPoint | LinkedIN Learning: Become a software engineer
- Languages** : Arabic (Native) | English (Full professional proficiency) | French (Professional working proficiency)

Projects

Purpella  purpella.arisaka.tn

- Developed a web application designed as an AI-powered companion for HR managers, featuring an intelligent agent named Purpella that analyzes database data and files to execute real-time actions within HRMS solutions.

Assist IT

- Created a web application to match assistance requesters with IT consultants, developed from scratch over six months with a test-driven development (TDD) approach. This project features complete UI mockups, an AWS-hosted infrastructure, and automated testing pipelines.
- Technologies:** Angular, Laravel, PostgreSQL

D’bara

- Developed a mobile application focused on meal preparation and personalized recommendations, utilizing a microservices architecture for the backend and integrating various AI services. This project enhanced my skills in using profiling tools and optimizing RESTful communication.
- Technologies:** Flutter, Django, Flask, MongoDB

Education

iTeam University – Tunis, Tunisia 2022 - 2025

Software Engineering Degree

Higher Institute of Multimedia Arts (ISAMM) – Manouba, Tunisia 2019 - 2022

Bachelor’s degree in Computer Science