

BEN JANNENA NOUR

Software Engineer

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Education

National Engineering School of Tunis (ENSIT) <i>Engineering Diploma in Computer Science (Master-level, MSc equivalent), Graduated with High Honors</i>	2022 – 2025
Preparatory Institute for Engineering Studies of Monastir (IPEIM) <i>Preparatory Cycle in Physics and Chemistry for National Engineering Entrance Exams, Ranked 165 / 1400</i>	2020 – 2022
Baccalaureate in Experimental Sciences <i>Grade: 14.89/20 (3.0 GPA)</i>	2020

Technical Skills

Programming Languages: Python, Java, Node.js, PHP
Frameworks / Backend: Django, ASP.NET Core
Frontend: HTML, CSS, JavaScript, TypeScript, Angular, Ionic, React.js, Next.js, .NET MAUI
Platforms / Cloud: Magento, AWS, Docker

Projects

HR Analytics Dashboard: Logidas

- Designed and developed a web-based dashboard to analyze key HR indicators by integrating data from a Human Resource Information System (HRIS).
- Technologies : React, Node.js, PostgreSQL

Mobile Application for Small Businesses

- Developed an e-commerce mobile application tailored for small businesses, enabling complete management of customer purchases and administrator sales, including product, order, and payment management.
- Technologies : Ionic, Django, PostgreSQL

Library Management Application

- Developed a desktop application to manage library users, books, and borrowings.
- Technologies: Java, JavaFX, MySQL

Web-Based Project Management Application

- Developed a web application for project planning, execution, and monitoring.
- Technologies: Angular, Node.js, Express.js, MongoDB

Music Genre Classification Using Machine Learning

- Developed a web interface for automatic classification of music genres from audio samples.
- Performed audio feature extraction and trained SVM and CNN models based on VGG-19.
- Technologies: Angular, Python, Flask, Scikit-learn, TensorFlow, VGG-19, SVM, Docker

Experience

Final Year Project

February 2025 – June 2025

Decade

- Optimized and decoupled client accounts from **Magento** to a frontend interface in **Next.js**, implementing secure authentication using **AWS Identity Services**.
- Designed an architecture based on **GraphQL**, **API Gateway**, and **AWS** services to ensure security and scalability.
- Redesigned the client entity management module.

Technician Internship

June 2024 – August 2024

Rise Up

- Developed a mobile HR application for employees, managing leave requests, overtime, and documents.
- **Tech Stack:** .NET MAUI, ASP.NET Core, SQL Server

Introductory Internship

June 2023 – July 2023

Maher Dev

- Developed a web-based ERP application for a call center, including account management, campaign tracking, and authentication.
- **Technologies:** Next.js, Django, PostgreSQL

Additional Experience

Participant in **Forum ENSIT** – attended workshops and networking sessions with tech companies, gaining insights into the software engineering industry.

Member of **ENSIT Junior Enterprise** – explored the entrepreneurial world and participated in student-led business projects.

Member of **ENSIT Geeks Club** – engaged in technical workshops, coding challenges, and collaborative software projects.

Interpersonal Skills

Languages: Arabic (native), French (advanced), English (upper-intermediate)

Personal Qualities: Teamwork, clear communication, organizational skills, attention to detail, autonomy, strong motivation for learning