

# BEN JANNENA NOUR

## Software Engineer

Date of Birth: 14 June 2001 — Address: Sousse, Tunisia

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### Education

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

### 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

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|---|----------------------------------|
| <b>Final Year Project</b><br><i>Decade</i>  | <b>February 2025 – June 2025</b> |
| <ul style="list-style-type: none"><li>– Optimized and decoupled client accounts from <b>Magento</b> to a frontend interface in <b>Next.js</b>, implementing secure authentication using <b>AWS Identity Services</b>.</li><li>– Designed an architecture based on <b>GraphQL</b>, <b>API Gateway</b>, and <b>AWS</b> services to ensure security and scalability.</li><li>– Redesigned the client entity management module.</li></ul> |                                  |
| <b>Technician Internship</b><br><i>Rise Up</i>  | <b>June 2024 – August 2024</b>   |
| <ul style="list-style-type: none"><li>– Developed a mobile HR application for employees, managing leave requests, overtime, and documents.</li><li>– <b>Tech Stack:</b> .NET MAUI, ASP.NET Core, SQL Server</li></ul>   |                                  |

## Introductory Internship

June 2023 – July 2023

*Maier 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

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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

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

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