

# MARAM ZRIBI

SOFTWARE ENGINEERING STUDENT AT NATIONAL ENGINEERING SCHOOL OF TUNIS - ENIT

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## Summary

Software Engineering student at ENIT with experience in developing practical solutions for internal tools, process automation, and cloud deployment. Comfortable working across development, testing, and delivery while collaborating in agile environments. Eager to contribute to impactful projects with a focus on clean code, problem-solving, and continuous improvement.

## Professional Experience

### Forvis Mazars

Tunis, Tunisia

#### Software Engineer- final year internship

February 2025 – July 2025

- Contributed as a Backend Engineer Intern at Forvis Mazars France, developing an internal paid leave management system.
- Built and optimized C# .NET APIs for leave creation, validation, and policy management, ensuring secure and scalable workflows.
- Integrated SQL Server for robust data handling and implemented CI/CD pipelines to automate deployments.
- Delivered clean, tested C# .NET code, improving internal HR workflows for teams across France.

### NXC International

Tunis, Tunisia

#### Software Developer - Internship

July 2024 – September 2024

- Automated the provisioning of cloud infrastructure using Terraform on Microsoft Azure.
- Integrated infrastructure deployment into a CI/CD pipeline using Azure DevOps.

### SOLIXY

Gabes, Tunisia

#### Software Developer - Internship

June. 2023 – Aug. 2023

- Designed and developed a dynamic food delivery website using Angular
- Implemented responsive user interfaces for seamless browsing and ordering.
- Integrated Supabase for secure, scalable authentication and real-time user data management

## Projects

### Search Microservice - E-commerce Platform

2024-2025

- Developed a search microservice using Spring Boot and Elasticsearch to enhance user experience.
- Ensured scalability and efficiency for high-volume queries.

Key Words: Spring Boot, Elasticsearch, REST API, Java, Kafka, Microservices.

### Tunitrek- Regional Travel Web Application

2023 - 2024

- Built a booking platform where users can book guided tours across Tunisia.
- Constructed real-time chat functionality between users and organizers.
- Integrated a secure payment system with card processing.

Key Words: MERN Stack, React.js, Node.js, Express, MongoDB, Tailwind CSS.

### Olympic Games 2024

2023 - 2024

- Established a web platform for managing and accessing event information for the 2024 Olympic Games.
- Enabled efficient event planning through real-time data integration

Key Words: MongoDB, Neo4j, Redis, React.js, Express, Node.js, Tailwind CSS.

### Hotel Management System

2023 - 2024

- Designed a user interface for managing hotel reservations, guests, rooms, and staff.
- Increased operational efficiency by 20%.

Key Words: C#, ADO.NET, Microsoft SQL.

### Task Management System

2022 - 2023

- Created a project management tool to aid in task organization and tracking.

Key Words: Java EE, React.js, MySQL.

### Trading simulator

2022 - 2023

- Designed and developed a trading simulator to replicate real-world trading scenarios.

Key Words: C++.

## Education

### National Engineering School of Tunis (ENIT)

Manar 1, Tunisia

Computer Science Engineering

2022-Now

### Preparatory Institute for Engineering Studies of Monastir

Preparatory studies degree : Physics, Chemistry Rank : 102/1500

Monastir, Tunisia

2020-2022

## Volunteer Experience and Languages

### Competitive Programming Manager – ENIT (2023-2024)

- Organized and led programming contests, fostering technical growth among peers.
- Crafted challenges and provided mentorship to junior students.

• Arabic Native

• English Fluent

• French Fluent