



# Roua Ben Amna

## Software Engineer

Motivated final-year Software Engineering student looking to apply and grow through real-world software development experience.

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Portfolio : [Roua-Ben-Amna](#)  
Github : [github.com/Roua-Ben-Amna](https://github.com/Roua-Ben-Amna)

## ACADEMIC BACKGROUND

### Computer Engineering, specializing in Software Development

September 2022 - Present

Higher Institute of Computer Science in Tunis - ISI

### Bachelor's Degree in Computer Science

September 2019 - June 2022

Higher Institute of Computer Science in Tunis - ISI

## PROFESSIONAL EXPERIENCES

### Volytica Diagnostics GmbH – Dresden, Germany

March 2025 – Present

#### Software engineering intern

- Enhancing user experience and automating workflows in battery diagnostics using Docker, Next.js, Spring Boot Kotlin and AWS.

### Lab-It - Sousse

June 2024 - August 2024

#### Software engineering intern

- Developed using Angular and Spring Boot a web application for WashStation Management

### DeltaSoft international - Manzeh 1

June 2023 - July 2023

#### ERP Systems Intern

- Setting up and configuring production management features in the Microsoft Dynamics 365 Business Central ERP system.

### Code Temple - Nabeul

February 2022 - May 2022

#### Software engineering intern

- Designed and developed using Laravel a web application for Managing a physiotherapy Clinic.
- Created a REST API for communication between the web and mobile app, tested and validated using Postman.
- Developed using Kotlin, a programming language for Android mobile app.

### Ooredoo Tunisia - Lac

June 2021 - July 2021

#### J2EE Developer Intern

- Worked with J2EE, Tomcat, and PostgreSQL to develop the module.
- Acquired practical experience in project management and enterprise web application development.

## ACADEMIC PROJECTS

### Traffic Sign Recognition using CNN

November 2024

Technologies used: Streamlit, Python, Tensorflow, sklearn

### Developing an E-Commerce Web Application

April 2024

Technologies used: Angular, Springboot, Mysql

### Mobile Application for Students and University Administration

April 2024

Technologies used: Flutter, Firebase

## SKILLS

**Programming Languages:** C, Java, Kotlin, Python

**Web Development:** HTML, CSS, TypeScript, PHP, JavaScript, Angular, Laravel, Spring Boot

**Mobile Development:** Flutter, Android, KivyMD

**Databases:** MySQL, Oracle, PostgreSQL, Firebase

**Project Management:** Git, Trello, Scrum, Jira

**Other:** Arduino, Raspberry Pi

## CERTIFICATIONS

**DP-900: Microsoft Azure Data Fundamentals**

**AI-900: Microsoft Azure AI Fundamentals**

**MB-910: Dynamics 365 Fundamentals (CRM)**

**Angular/Springboot** CrocoCoder Tunisia

**Build a web api** Go My Code Tunisia

**Leadership and behavioral intelligence** Polytech Intl

## Languages

- English (C1)
- Frensh (B2)
- Italien (A1)
- Arabic (Mother Tongue)

## ASSOCIATIVE ACTIVITIES

**Hult Prize Autriche/Tunisia**

It departement member

**Hult Prize Tunis el Manar University**

Logistics and Sponsorship member