



# Ahlem MARZOUGUI

Third-year Telecommunications  
Engineering Student

 ahlemmarzougui2021@gmail.com

 (+216) 29 890 489

 Kairouan, Tunisia

 [Ahlem Marzougui](#)

## PROFILE

Dynamic and motivated student with a strong academic background, passionate about solving complex problems. Practical experience in analysis and programming, focused on **Web and Mobile development**, and open to other areas such as **Artificial Intelligence**.  
Actively seeking **Final Year Project** opportunities to apply my technical knowledge within an ambitious company.

## SKILLS

- Programming** : HTML5, CSS3, Java, JavaScript, TypeScript, React JS, React Native, Angular, Spring Boot, Node JS, Python and Flask.
- Databases** : MongoDB, MySQL, and Oracle. Project
- Management Methodologies** : UML, Scrum, and Lean Six Sigma.
- Tools and Technologies** : Docker, Git, GitHub, GitLab, MATLAB, Linux, Network Administration.

## CERTIFICATIONS

- Advanced React - Meta, Coursera | 2023
- Working with data - Meta, Coursera | 2023
- Azure AI Fundamentals, Microsoft | 2023
- Azure Data Fundamentals, Microsoft | 2023
- React Native - Meta, Coursera | 2022
- CCNA 1 - Cisco | 2022

## LANGUAGES

Arabic	Native
French	Advanced
English	Fluent

## ASSOCIATIVE INVOLVEMENT

- President** | 2022
- IEEE EMBS ENET'Com SBC
- Member** | 2021-Present
- IEEE ENET'Com SB
- Organizer** | 2023
- Telecom Day V 1.0

## ACADEMIC EDUCATION

- Telecommunications Engineering** | 2021-Present  
National School of Electronics and Telecommunications Sfax (ENET'Com)
- Preparatory Cycle (Physics/Chemistry)** | 2019-2021  
Preparatory Institute for Engineering Studies of Monastir (IPEIM)
- High School Diploma in Experimental Sciences (With Honors)** | 2019  
Pilot High School of Kairouan (LPK)

## PROFESSIONAL EXPERIENCE

- Internship at « Artibedded »** | June 2023-August 2023
  - » Design and development of a Web Application for an Intelligent Agriculture project aimed at optimizing agricultural practices :
  - User identity management, formulation of access and authentication policies, offering security features, including session and access token management.**Keywords:** React JS, Flask, MongoDB, Docker, Microservices, RESTful API, MVC, HTTP, JWT, Redis
- Internship at «The Sparks Foundation»** | November 2022-December 2022
  - » Developed an E-commerce website for product, order, and online payment management. **Keywords:** HTML, CSS, JS, Web Services
- Internship at « Tunisie Telecom »** | June 2022-July 2022
  - » Technician tasks involving network and fiber optic operations, with a focus on FTTH. **Keywords:** Network, Fiber Optic, FTTH

## PROJECTS

- End-of-Year Project** | 2022  
Mobile Application "My Health Mate" for medical monitoring and patient rescue, integrating facial recognition technology.  
**Keywords:** React Native, Nest JS, Expo, Postgresql, Firebase, Docker  
Github Link : <https://github.com/MarzouguiAhlem/MyProject>
- Stroke detection model** | 2022  
Development of a Machine Learning model for stroke detection.  
**Keywords:** Jupyter Notebook, Python, Logistic Regression

- Online Personal Portfolio** | 2023  
Creation of a personal portfolio website in Angular to showcase your profile, skills, previous projects, and contact information.  
**Keywords:** Angular, HTML, CSS, Responsive Web Design