

AHMED LASMAR

Software Engineer

+216 24 330 340

ahmed.tn.lasmar@gmail.com

Tunis, Tunisia

LinkedIn

Portfolio

GitHub

SUMMARY

Hi, my name is Ahmed Lasmar, I am a dedicated software engineer with a passion for developing innovative and impactful applications. I specialize in creating efficient, scalable solutions and continuously strive to improve my skills and knowledge to meet the evolving demands of the tech industry.

LANGUAGES

Arabic - native, French - Fluent, English - Fluent

SKILLS

- **Programming Languages:** Java, JavaScript, C, C++, PHP, HTML, CSS
- **Frameworks Libraries:** Spring Boot, Angular, MERN (MongoDB, Express, React, Node.js)
- **Databases:** MySQL, PostgreSQL
- **Tools Platforms:** GitLab, GitHub, ClickUp
- **Development Methodologies:** Agile (Scrum), Waterfall
- **Core Competencies:** Problem-solving, Critical Thinking, Strong Communication, Collaboration Teamwork, Adaptability Quick Learning

CERTIFICATIONS

2022 Introduction to Networks CISCO

EDUCATION

2021 - 2024 Engineering Curriculum Engineering curriculum with a specialization in Software Engineering ESPRIT

2016 - 2019 License Maintenance and Automotive Diagnostic ISET Nabeul
Received an Academic License Degree in Maintenance and Automotive Diagnostic

PROJECTS

1/2024 - 7/2024 8 Months EasyReport TMI Tunisia
Developed EasyReport, a streamlined reporting web application using the MEAN stack (MongoDB, Express.js, Angular, Node.js), optimized for efficient data management and user interface functionality.

2023 COCO Market - E-Commerce (Spring Boot, Angular) ESPRIT
An app for listing management, boosting visibility, discovering opportunities, analyzing data, and expanding markets.

EXPERIENCE

9/2024 - present Software Engineer DIGITAL PETROLEUM
Developed and maintained the core digital platform for DIGITAL PETROLEUM, a comprehensive web-based solution for real-time monitoring, management, and analytics of energy assets. The system features a robust backend built with TypeScript, Express.js, and MongoDB, providing secure RESTful APIs for user management, device integration, and data processing. The frontend is implemented using React and Material-UI, delivering an interactive dashboard for data visualization, alerting, and operational insights. The platform supports advanced charting, reporting, and role-based access control, and is deployed using Docker and Kubernetes for scalable, cloud-ready operations. Collaborated on CI/CD pipelines, API documentation (Swagger), and followed best practices in code quality and team workflows. Key Technologies: TypeScript, Node.js, Express, MongoDB, React, Material-UI, Docker, Kubernetes, CI/CD, REST APIs, Data Visualization, Role-Based Access Control

6/2019 - 7/2021 FabLab Manager Fablab Solidaire
As a FabLab Manager, I oversaw daily operations, managed equipment, provided user training, and fostered innovation in a digital fabrication lab.

ASSOCIATIVE EXPERIENCE

2005 - present Member the Youth and Science Association of Tunisia
The "Youth Science Movement," initiated by intellectuals in 1959, emerged due to a recognized lack of scientific and technical engagement in existing associations.

11/2019 Participant the People's Choice Award at the Global Hackathon4Justice | Washington D.C, USA
The UNODC partnered with the World Bank and Africa Teen Geeks for the hackathon.

2015	CO-founder	Fab Lab Solidaire Tunisia ↗
	<ul style="list-style-type: none"> • Fab Lab Solidaire: Tunisia's Youth Science Association uniting for educational and habitat-focused research. 	
2009 – 2015	Participant	Expo-Sciences international "ESI"
	<ul style="list-style-type: none"> • Participated in science projects at ESI international exhibitions: <ul style="list-style-type: none"> – ESI 2009 (Tunis, Tunisia) – ESI 2013 (Abu Dhabi, UAE) – ESI 2015 (Brussels, Belgium) – ESI showcases diverse STEAM projects by global youth. 	
2014 – 2018	Staff	TUNIROBOTS Tunis, Tunisia ↗
	<ul style="list-style-type: none"> • TUNIROBOTS: Tunisian National Day of Robotics celebrates science and technology annually, aiming to popularize robotics, showcase local and international talent, and gain recognition on the global stage. 	
4/2017 – 6/2019	President	Tunivisions ISET Nabeul Club Nabeul, Tunisia ↗
	<ul style="list-style-type: none"> • Established in more than 130 universities, with a network of more than 4000 members, Tunivisions ISET Nabeul Carthage is the reference of the foundation clubs. This is the first network that builds partnerships between the professional world and academia. Our Cub aims to promote the activity of ISET Nabeul on the paper / web magazine, to create even., events and conferences supported by media Tunivisions media and to develop actions of coaching and personal development. 	