# AHMED LASMAR
Software Engineer

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📍 Tunis, Tunisia          in 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**<br>Engineering curriculum with a specialization in Software Engineering | **ESPRIT** 🗗 |
|---|---|---|
| 2016 - 2019 | **License Maintenance and Automotive Diagnostic**<br>Received an Academic License Degree in Maintenance and Automotive Diagnostic | **ISET Nabeul** 🗗 |

## 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** ⬈ |

- Fab Lab Solidaire: Tunisia's Youth Science Association uniting for educational and habitat-focused research.

| 2009 – 2015 | **Participant** | **Expo-Sciences international "ESI"** |

- Participated in science projects at ESI international exhibitions:
    - 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** ⬈ |

- 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** ⬈ |

- 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.