Mahmoud **Mzoughi**

ENGINEERING STUDENT · IT ARCHITECTURE AND CLOUD COMPUTING

Tunis, Tunisia

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Experience

SM DEVIS RÉNOV 2.0 *Ariana, Tunisia*

SUMMER INTERNSHIP - SYMFONY DEVELOPER *Jun 2023 - Jul 2023*

- Developed a user-friendly **Symfony** platform connecting individuals with residential service providers, featuring secure subscription access for companies and facilitating project execution through collaborative design and implementation.

SM DEVIS *Ariana, Tunisia*

INTERNSHIP - END-OF-STUDIES PROJECT *Jan 2021 – April 2021*

- Built & Presented a full-stack web app **(SERN)** with user auth, product catalog, and inventory management (Independent React mastery).

Projects

OpenStack Cloud Infrastructure Project *ESPRIT - Ariana, Tunisia*

PROJECT LEAD *Nov 2023 – April 2024*

- Collaborated on designing, deploying, and managing a multi-node OpenStack cloud infrastructure, configured essential services manually and utilized automation tools such as **Ansible**, employed **Heat** stack templates and **Magnum** for automated resource provisioning, leveraging **Docker** and **Kubernetes** for container orchestration within the cluster, integrated monitoring tools like **Grafana** and **Prometheus** for enhanced efficiency.

Multi-Platform Development Project *ESPRIT - Ariana, Tunisia*

DEVELOPMENT TEAM MEMBER *Dec 2022 – May 2023*

- Collaborated on a multi-platform project (**Java, Symfony, Codename One**), designing, implementing, and debugging functionalities while maintaining high code quality, utilized **Git/GitHub** for efficient version control and seamless collaboration.

SkyBound: Drone Sales Application *ESEN - Manouba, Tunisia*

DEVELOPMENT TEAM MEMBER *2021*

- Contributed to the development of SkyBound, an innovative Android application aimed at streamlining the sale of drones through seamless integration with Google Firebase.
- Participated in designing, implementing, and debugging functionalities to ensure a smooth user experience and high-quality code.

Education

ESPRIT - Private Higher School of Engineering and Technology *Ariana - Tunisia*

ENGINEERING DEGREE WITH SPECIALIZATION IN IT ARCHITECTURE AND CLOUD COMPUTING *Sep 2022 - PRESENT*

ESEN - Higher School Of Digital Economy *Manouba - Tunisia*

APPLIED LICENSE IN IT APPLIED TO MANAGEMENT *2018 - 2021*

Scientific Baccalaureate *Tunis - Tunisia*

COMPUTER SCIENCE MAJOR *2017*

Skills

Cloud Platforms	Azure **(Azure Fundamentals Certified)**, AWS, OpenStack **(Deployment & Management)**
Programming	C#, .NET Framework, Java
Web	JavaScript, Bootstrap, Symfony, React, Angular
Databases	Oracle, SQL Server
Operating Systems	Windows (Advanced), Linux (Bash Scripting, System Configuration)
Routing and Switching	**Cisco Certified CCNA**: Switching, Routing, and Wireless Essentials

Languages

English	Fluent
French	Intermediate
German	Basic Conversational Skill

Extracurricular Activity

Enactus ESEN   *Manouba - Tunisia*
CORE MEMBER - COMMUNICATION LEAD   *2019 - 2020*
- Contributed to various social entrepreneurship projects

RUNNER AND WEIGHT LIFTER
- Actively participating in running events
- Engaging in weightlifting training sessions