RACHDI MED AMINE

Tunis

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SUMMARY

Second-year engineering student in computer science at ENSIT, specializing in new technologies and security. Proficient in the MERN stack with a strong command of both back-end and front-end architectures. Passionate about cybersecurity and cloud computing.

SKILLS

Java, JavaScript/TypeScript, Python, C/C++, PHP, Spring Boot (JEE), JavaFX, Express, Node.js, React, Angular, Ionic 3, Flask, Pug, RESTful APIs, Microservices, MySQL, MongoDB, Git, Docker.

WORK EXPERIENCE

LEONI TUNISIA   **Jul 2024 - Aug 2024**

Summer Internship | **Node.js, Express.js, MongoDB, Bootstrap, Pug, Postman, Python, GitHub**   *Sousse*

- Developed a **web application** for the digitization of the homologation protocol for the first delegation of equipement
- Implemented a secure **JWT** authentication and access control
- Integrated a **Python** script for automatic generation of Word documents
- Tested and documented APIs using **Postman**.

PROJECTS

WebAppBuilder   **Jan 2025 - May 2025**

PFA 2 | Dynamic No-Code Web Application Builder | **Angular, Spring boot, JWT Auth, Angular Drag and drop, MongoDB**

- Engineered a **no-code platform** enabling users to design and launch interactive websites through a **drag-and-drop** interface with zero coding experience.
- Developed backend services using **Spring Boot** for authentication, project persistence, and data management.
- Integrated live database connectivity to front-end components, allowing real-time interaction with user-managed data.
- Designed an intuitive builder interface in **Angular** supporting dynamic component binding and layout customization.

Doctor Appointment Mobile App   **Feb 2025 - May 2025**

Appointment Scheduling System mobile application | **Ionic, Flask, MongoDB**

- Built a **mobile app** enabling patients to discover, book, and manage appointments with certified doctors.
- Implemented patient-doctor **role management, real-time messaging, and secure file sharing** for pre-consultation documentation.
- Designed a notification engine for appointment reminders and updates.

TuniTrails   **Jun 2024 - Aug 2024**

Excursion Management Platform in Tunisia | **MERN, Leaflet.js**

- Developed a full-featured platform for booking guided tours across Tunisia, featuring tour listings, booking flows, and review systems.
- Created a rating system with real-time aggregation, single-review enforcement, and user-tour linkage.
- Integrated **Leaflet.js** to render multi-day tour paths and location markers on **interactive maps**.

EDUCATION

Higher National School of Engineering Tunis   **Jan 2023 - Present**

Computer Science Engineering Cycle.

Faculty of Science Monastir   **Jan 2021 - Jan 2023**

Preparatory Cycle for Entrance to Engineering Schools – Mathematics and Physics Section.

Languages

Arabic (Native)
French (C1 TCF TP)
English (C1)