

# Saadaoui Mahmoud

## Full Stack Developer

Web developer with 2-3 years of experience in building responsive and secure applications using JavaScript and frameworks like React.js and Node.js. Holder of an engineering degree from the Tunisian Military Academy.

### Experience:

- **Full Stack Developer**

#### **Material Management System | 2024**

This project involves an application for managing materials, users, loans, and returns. It offers several features for administrators and users, such as managing loans and returns, as well as tracking loan history.

##### Tasks:

- ✓ Designed and developed the user interface using React.
- ✓ Used Redux Toolkit to manage the application's state.
- ✓ Developed the backend with Node.js and Express.js.
- ✓ Utilized Express.js to create secure and efficient REST APIs.
- ✓ Created routes with Express.js for various operations (loans, returns, user and material management). Developed CRUD endpoints for materials, users, loans, and returns.

#### **Personnel Management System | 2023**

An application aimed at optimizing personnel management by tracking their health status and administrative situation.

##### Tasks:

- ✓ Created an extensive backend API using Node.js and Express.js.
- ✓ Secured routes/endpoints with JWT (JSON Web Tokens).
- ✓ Tested APIs with Postman.
- ✓ Developed the frontend to work with the API using React.js.
- ✓ Used Redux Toolkit for state management.
- ✓ Created numerous container components integrated with Redux.

### Personal Information

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### Langages And Technologies :

JavaScript

TypeScript

React.js

Next.js

Redux Toolkit

Node.js

Express.js

MongoDB

PostgreSQL

### Software And Applications

GitHub

Git

- **Company Commander**

- ✓ **Leadership and Team Management:** Successfully led a military team, fostering collaboration and performance.
- ✓ **Strategic Planning:** Developed strategic plans to achieve operational objectives.
- ✓ **Crisis Management:** Managed crisis situations by making crucial decisions swiftly.

## **Education:**

- **Weapons Engineering**

Military Academy of Fondouk Jedid | 2010 – 2013

- **Preparatory Cycle Diploma**

Preparatory School for Military Academies | 2008 – 2010