

Mahmoud Ben Hamouda

IT Engineering Student



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PROFILE

I'm Mahmoud Ben Hamouda, a second-year engineering student specializing in data science, with skills in team management and software engineering. I'm eager to secure a 2025 summer internship to develop my abilities and pursue my passion in these fields.

LANGUAGES

- Arabic**
Native ● ● ● ● ●
- French**
Native ● ● ● ● ●
- English**
Fluent ● ● ● ● ●
- German**
A2 ● ● ● ● ●

PROFESSIONAL EXPERIENCE

VERDIT

Web Developer

07/2024 – 09/2024 | Chania, Greece

- Created and launched a dynamic website using PHP, JavaScript, and CSS, boosting user interaction by 30% with innovative, responsive design and performance-optimized code.
- Worked on front-end and back-end development, improving site load times by 20% through effective performance optimization.
- Increased user engagement by 20% through secure API integration, resulting in a more interactive and reliable site experience

IB SPACE

Web Developer

06/2024 – 07/2024 | Tunis, Tunisia

- Developed a dynamic website using the Laravel framework and Eloquent ORM, streamlining database interactions and reducing query times by 25%.
- Integrated multiple APIs to expand website functionality, contributing to a 15% increase in user engagement.
- Applied responsive design techniques that improved site accessibility, enhancing user retention by 10%.

AIESEC

Exchange Participant

07/2022 – 08/2022 | Subotica, Serbia

- Led workshops on Sustainable Development Goal 4 (Quality Education) for children, raising awareness and promoting community contributions towards global sustainability.
- Supported local education efforts, reaching over 25 children and enhancing knowledge of the Sustainable Development Goals (SDGs) for long-term awareness.

Insight+

Front End Developer

06/2022 – 07/2022 | Ariana, Tunisia

- Acquired hands-on experience in React, Node.js, and APIs, completing a mini project that enhanced internal tool efficiency by 20%.
- Established a distinctive, visually appealing logo, elevating the company's brand identity and recognition by 30%.

EDUCATION

IT Engineering

ESPRIT School Of Engineering

09/2021 – present | Tunisia

currently a third-year engineering student

SKILLS

Java	<div><div></div><div></div><div></div><div></div><div></div></div>
HTML/CSS/JavaScript	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
C++	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
React Node Js	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Symfony	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
PHP	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
python	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Laravel	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
R	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
LINUX	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
PL/SQL	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Power BI	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

INTERESTS

- Gymnastics
- Travelling

PROJECTS

AI Hackathon Finalist

IEEE South Mediterranean University

11/2024 – 11/2024

- Designed an AI-driven platform that improved waste management efficiency, reducing transportation emissions by an estimated 20% through optimized routing and proximity-based waste matching.
- Enhanced resource reuse by predicting waste flow with 85% accuracy, enabling businesses to recycle or repurpose materials effectively.
- Initiated a dashboard that visualized real-time waste lifecycle data, increasing user decision-making speed by 30%.
- Proposed a solution aligning with UN SDG 11.6, minimizing landfill contributions, and SDG 13.2, reducing greenhouse gas emissions.
- Engaged with 10+ companies during the project scope, demonstrating the scalability of the platform.

Web App Development

Private Higher School of Engineering and Technology

01/2024 – 05/2024

- Collaborated in a team to develop a cross-platform web and desktop application, utilizing JavaFX and Symfony.
- Enhanced application interactivity by integrating multiple APIs, achieving a 20% improvement in user engagement.
- Improved efficiency of database management by 30% with ORM implementation, resulting in a seamless user experience

Desktop App Development

Private Higher School of Engineering and Technology

01/2023 – 05/2023

- Finalized project requirements and developed an intuitive application mockup, which boosted project efficiency by 15%.
- Generated a marketing presentation that showcased the application's unique features, attracting stakeholder interest.
- Achieved robust data handling for plenty of functionalities by implementing CRUD operations using C++ and QT