

Mahmoud Ben Hammouda

IT Engineering Student



- ✉ Mahmoud.BenHammouda@esprit.tn
- 📞 +21694480912
- 📍 38 Boukhara Road
- 📅 27/10/2002
- 🚩 Tunisia
- /github/mahmoudbenh
- linkedin.com/in/mahmoud-ben-hammouda-23a0b323a

PROFILE

I'm Mahmoud Ben Hammouda, 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	● ● ● ● ●
HTML/CSS/JavaScript	● ● ● ● ●
C++	● ● ● ● ●
React Node Js	● ● ● ● ●
Symfony	● ● ● ● ●
PHP	● ● ● ● ●
python	● ● ● ● ●
Laravel	● ● ● ● ●
R	● ● ● ● ●
LINUX	● ● ● ● ●
SQL	● ● ● ● ●
PL/SQL	● ● ● ● ●
Power BI	● ● ● ● ●

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