Mohamed Helmi Lakhder

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EDUCATION

National Institute of Applied Science and Technology Sept. 2024 – Present
ENGINEER's DEGREE, ICT

Higher Institute of Information Technologies and Communications Sept. 2021 – May 2024
*B.S. IoT, Embedded Systems | **GPA**: 4.0/4.0*

- **Valedictorian** for the 2021/2022 and 2022/2023 Classes

MAIN TECHNICAL SKILLS

Languages: JavaScript , TypeScript , Python , C++
Technologies: Node.js , React.js , Next.js , Express.js , Django , Flutter , Docker , Apache Spark , NodeRed

EXPERIENCE

Novencia Group · Full Stack Developer Feb. 2024 – May 2024
End of Studies Internship *Montplaisir, 1073 Tunis*

- Collaborated with a team of 4 and developed a SaaS solution to streamline various HR functionalities for companies, offering both generic and personalized features. This solution is supported by a back-office application to monitor and track client activities.
- **Keywords**: Next.js, Express.js, Redux, Tailwind CSS

MAE Assurances · Back-end Developer Jul. 2023 – Aug. 2023
Summer Internship *Ariana, 1075 Tunis*

- Created a platform that serves as a bridge to facilitate seamless interaction, collaboration, and transactional activities within the insurance domain.
- **Keywords**: Face Recognition, Django, Bootstrap, Chart.js, Prism.js

PROJECTS

BizGrocer Sept. 2024

- Collaborating in a two-person team to develop a comprehensive supermarket management system aimed at empowering local small business owners.
- Designed the platform to optimize key business processes such as sales management, inventory tracking, and financial reporting.
- Integrated client management features, including a customer database and loyalty programs, to enhance customer engagement and retention.
- Developed supplier order and payment tracking tools for better supply chain management and operational efficiency.
- The goal is to provide a user-friendly, web-based solution that simplifies supermarket operations and improves overall business efficiency.

HMKSocialHUB Mar. 2023

- Built a social networking platform to facilitate user registration, profile management, and interactive features such as following, searching, and liking posts.
- Implemented robust admin controls for CRUD operations and efficient user profile management.
- Managed data storage with PostgreSQL for secure and scalable database handling. Media management was optimized through Cloudinary integration for seamless handling of user-uploaded content.
- Focused on creating a responsive and interactive user experience to engage users effectively.