

Mondher Ben Haj Ammar

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Education

National Engineering Diploma in Computer Science, Tunis, Tunisia. Private Higher School of Engineering and Technology (ESPRIT)	<i>Septembre 2021– Septembre 2024</i>
Bachelor's Degree in Management Information Systems, Tunis, Tunisia. Faculty of Economic Sciences and Management of Tunis (FSEGT)	<i>Septembre 2018– June 2021</i>
Baccalaureate in Computer Science, Khaznadar, Tunisia.	<i>Septembre 2017– June 2018</i>

Professional Experience

Web Developer - Driver Management and Optimization System. AmelL , Bordeaux, France. Next JS, Node js, Firebase,Google-Maps-Apis,Twillio <ul style="list-style-type: none">Gained comprehensive knowledge of the professional environment and software development lifecycle.Conducted requirement analysis to understand and address the needs of stakeholders.Designed and created detailed mockups for intuitive and user-friendly application interfaces.Developed and integrated frontend and backend components to deliver a seamless user experience.Deployed and managed scalable backend services on cloud infrastructures, ensuring reliability and high availability.	<i>September 2024 – December 2024</i>
Engineering Internship - Final Year Project: Design and Development of a Secure and Innovative Platform for Property Rental. AmelL , Bordeaux, France. Flutter, Node js, Firebase <ul style="list-style-type: none">Acquired in-depth knowledge of the professional environment.Understood and analyzed the needs of decision-makers.Grasped different areas of analysis.Created mockups for the application's interfaces.Developed frontend and backend components.Implemented and managed the deployment of backend services on cloud infrastructures to ensure scalability and availability.	<i>January 2024 – July 2024</i>
Intern – Engineering Internship Omega Distribution , Tunis, Tunisia. Android, Node js <ul style="list-style-type: none">Worked closely with the sales and finance departments to align application features with operational needs.Designed and implemented a software solution to optimize sales, inventory, and financial management for businesses.Prepared and conducted training sessions for employees on the effective use of the new application.	<i>July – Septembre, 2023</i>
ERP Developer – Business Intelligence Optimal Recouvrement SA , Tunis, Tunisia. <ul style="list-style-type: none">Acquired an in-depth understanding of business processes and operations within the company.Designed and integrated new modules into the existing ERP application to enhance functionality and process efficiency.Collaborated with internal teams to identify and analyze specific Business Intelligence needs.Conducted tests to ensure the reliability and performance of the newly integrated modules.Trained end-users and provided technical support to ensure successful adoption of the new ERP modules.	<i>January – May, 2022</i>
Trainee Technician - Final Year Project: Design and Development of a Java EE Application for Leave Management, including Requests, Approvals, and Tracking BTK , Tunis, Tunisia. JavaEE,JSF <ul style="list-style-type: none">Acquired detailed knowledge of daily operations and business procedures of the bank.Identified and analyzed the needs of decision-makers to ensure the application meets functional expectations.Created user interface prototypes to visualize features and enhance user experience.Used Java EE and JavaServer Faces (JSF) to build a robust and scalable application.Conducted systematic tests to ensure the application's reliability and compliance before deployment.Trained end-users and provided technical support to facilitate the adoption of the application	<i>February 2021 – June 2021</i>

Web Development Project: Driver Management and Optimization System.

Amel

September – December, 2024

Next-Js, NODE-JS, FIREBASE,Google-Maps-Apis,Twillio

- Developed an advanced calendar system for managing drives, featuring filters, color-coded categorization, and detailed scheduling tools.
- Enabled users to add new drives with comprehensive client details, maps integration, and route information.
- Provided tools to add, view, modify, and organize client information efficiently.
- Created functionalities for administrators to add, update, and manage drivers, including profiles and activity tracking.
- Designed a complete administration space for streamlined oversight and management of operations.
- Implemented automatic notifications via WhatsApp for drivers, delivering detailed drive information upon assignment.

Mobile Development Project: Secure and Innovative Platform for Property Rental.

Amel

January - July, 2024

Flutter, NODE-JS, FIREBASE

- Implemented a criteria-based search system to enhance the efficiency of listing selection.
- Developed a favorites feature to easily save and compare property listings.
- Integrated secure messaging for protected communication between property owners and tenants.
- Integrated a calendar with automatic notifications to schedule and manage property viewings.
- Created dedicated profiles for property owners and tenants, allowing secure management of listings and interactions.
- Provided tools for property owners to add, modify, and delete listings efficiently.
- Offered a secure storage solution for important documents, compliant with GDPR standards.

Web Development Project: DevOps Mobile Platform.

Private Higher School of Engineering and Technology

January -May, 2023

REACT-JS, NODE-JS, GITHUB-ACTION

- Created a mobile platform for continuous and efficient application delivery.
- Implemented CI/CD pipelines to simplify mobile deployment.
- Integrated testing tools to ensure version reliability.
- Automated deployment processes to reduce errors.
- Compiled documentation for maintenance and further development of the platform.

Mobile Development Project: Real-Time Transportation Mobile Application.

Private Higher School of Engineering and Technology

November 2022- March 2023

ANDROID, NODE-JS, MONGODB.

- Created mockups for the application interfaces.
- Utilized geolocation services to enable precise real-time vehicle tracking and dynamic route updates.
- Designed a multi-language interface to accommodate a diverse user base.
- Implemented notifications to inform users of important updates, route changes, promotions, and more.
- Established a rigorous testing plan to ensure the application's reliability and performance before launch.

Web Development Project: Video Game Tournament Web Application.

Private Higher School of Engineering and Technology

February -May, 2022

SYMFONY, PHP, MYSQL.

- Designed and developed an interactive web platform to orchestrate and manage video game tournaments, ensuring complete event management from registration to match finalization.
- Developed Create, Read, Update, and Delete (CRUD) functionalities for efficient management of tournaments and matches, allowing administrators to easily manipulate data in real-time.
- Utilized Symfony and Twig to create user-friendly and responsive graphical interfaces, including forms, dashboards, and interactive components for an enhanced user experience.
- Developed specific business solutions to improve user interaction and ease of use, allowing for intuitive navigation and effortless interaction throughout the web application.

Skills

- **Mobile** : Flutter, Android.
- **Web**: Spring Boot, Node js .
- **Desktop** : JAVA et JAVAFX.
- **Operating Systems**: Windows et Linux.
- **Software and IDEs**: IntelliJ, VS code, Android Studio, StarUML, Git,GitHub, Trello , Jira.

Languages

Anglais (Professional).
Arabe (Preschool).
Français (Professional).