Mondher Ben Haj Ammar

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Education

National Engineering Diploma in Computer Science, Tunis, Tunisia.   *Septembre 2021– Septembre 2024*
Private Higher School of Engineering and Technology (ESPRIT)

Bachelor's Degree in Management Information Systems, Tunis, Tunisia.   *Septembre 2018– June 2021*
Faculty of Economic Sciences and Management of Tunis (FSEGT)

Baccalaureate in Computer Science, Khaznadar, Tunisia.   *Septembre 2017– June 2018*

Professional Experience

Web Developer - Driver Management and Optimization System.

AmeL, Bordeaux, France.   *September 2024 – December 2024*
Next JS, Node js, Firebase,Google-Maps-Apis,Twillio

- 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.

Engineering Internship - Final Year Project: Design and Development of a Secure and Innovative Platform for Property Rental.

AmeL, Bordeaux, France.   *January 2024 – July 2024*
Flutter, Node js, Firebase

- 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.

Intern – Engineering Internship

Omega Distribution, Tunis, Tunisia.   *July – Septembre, 2023*
Android, Node js

- 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.

ERP Developer – Business Intelligence

Optimal Recouvrement SA, Tunis, Tunisia.   *January – May, 2022*

- 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.

Trainee Technician - Final Year Project: Design and Development of a Java EE Application for Leave Management, including Requests, Approvals, and Tracking

BTK, Tunis, Tunisia.   *February 2021 – June 2021*
JavaEE,JSF

- 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

Projects

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).