

# Hiba Mateur

SOFTWARE ENGINEER · WEB DEVELOPER

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## Work Experience

### WEB DEVELOPER

*QuoProd* Nov. 2023 - present

An exchange and collaboration platform dedicated to the mechanical industry.

- Contributed into developing of crucial pages, including the Landing Page, About Us, Contact, Subcontractor Profile, and its associated Edit Page, employing the Atomic design as a foundational architectural framework.
- To ensure precise control over data validation and management, I leveraged Zod and React Hook Form, guaranteeing the integrity of user inputs. My approach to component structure optimization included implementing the useController and View architecture within each page, enhancing efficiency and maintainability.
- Successfully integrated full responsiveness, providing a seamless and engaging experience across a variety of devices. Developed a robust translation feature to enhance accessibility for a diverse user base. Crafted critical sections like General Conditions, Legal Notice and Privacy Policy, contributing to the establishment of a comprehensive and compliant web presence.
- Technical Environment: Next.js, Mui, React Hook Form, ZOD, Atomic design.

### WEB DEVELOPER INTERN

*ORANGE TUNIS* Jan. 2023 - Jul. 2023

A training management dashboard for admins to plan and monitor collaborators training.

- Developed a comprehensive training management dashboard, including features such as calendar-based scheduling of training sessions, a survey feature to vote on courses, quiz-based evaluation systems, and a QR code generator to track attendance. Additionally, I implemented a notification system to keep employees informed about new training sessions and updates.
- Technical Environment: Node.js, React.js, Express.js, MongoDB, Ant Design

### WEB DEVELOPER INTERN

*ORANGE TUNIS* Jul. 2022 - present

An AI powered robot assistant for children with pronunciation issues POC.

- As the winner of the first prize for the Orange Summer Challenge and the EY favorite prize, I worked on a proof of concept for an AI-powered robot assistant that assists children with pronunciation issues. As part of the project, I developed a speech pathologist dashboard and a landing page, and implemented functionalities such as patient profile management, CRUD operations for exercises and themes, and the ability to assign exercises to specific patients, and providing detailed feedback on pronunciation errors at the phoneme level.
- Building on the triumph of the POC, I am currently working on the next phase: Version 2 (V2) of the AI-powered robot assistant. With the support of Orange and EY, I am focused on enhancing the platform's capabilities further. In this new version, I am incorporating patient audio recordings to facilitate the identification of areas where patients are facing pronunciation challenges. Furthermore, I am developing a data analysis feature that tracks patient progress, including metrics such as time spent on activities, most played activity, and the most active patient.
- Technical Environment for POC: Node.js, React.js, Express.js, MongoDB, Ant Design, HTML, CSS, JS.
- Technical Environment for V2: Nest.js, Next.js, MongoDB, Firebase.

### WEB DEVELOPER INTERN

*ProsperUs* Aug. 2021 - Sept. 2021

A starwars website.

- I embarked on creating an interactive interface, enabling users to explore actors, spacecraft, locations, and film details. I used SWAPI API to extract relevant data. I then implemented a clear and intuitive display. My objective was to craft an immersive experience, immersing Star Wars enthusiasts in this epic universe by showcasing pivotal information about characters, vessels, and iconic film locations.
- Technical Environment: React.js, SWAPI API.

### WEB DEVELOPER INTERN

*Digital Labs* Jun. 2019 - Jul. 2019

A restaurant platform.

- Designed and executed an innovative food ordering system to enhance the customer experience, ensuring a smooth and user-friendly process. Additionally, played a key role in developing a rating system, enabling customers to provide feedback on their culinary experiences. These features were instrumental in elevating overall efficiency and user satisfaction on the restaurant platform.
- Technical Environment: Angular, Node.js, PostgreSQL, CSS, Bootstrap, Angular Material.

## Education

### SOFTWARE ENGINEERING

*ESPRIT* Sep. 2020 - Jul. 2023

- Specialized in web development

### SOFTWARE ENGINEERING

*ISIMa* Sep. 2017 - Jul. 2020

- Specialized in computer science

## Skills

- Languages – JAVA, C#, PHP, HTML, CSS and JavaScript.
- Frameworks – Spring Boot, Symfony, Laravel, Angular, Next.js, Express.js.
- Libraries/Runtime Environments – Node.js, React.js.
- Database – MySQL, MongoDB, Neo4j.
- Software Tools – STS, Visual studio tools, Eclipse, Atlas, GIT, Jenkins, Docker, Grafana, Prometheus, Nexus3, SonarQube.
- Soft skills – Time management, communication, teamwork, creativity, leadership, work ethic, attention to detail, and problem-solving.
- Arabic (native), French (Intermediate), English (Intermediate)