



# Iheb Etteyeb

Full-Stack Web Developer

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## Education

<b>Higher Institute of Computer Science</b> Master in software engineering	Sep. 2022 – Sep. 2025
<b>Higher Institute of Computer Science</b> Bachelor in computer science	Sep. 2019 – Jun. 2022

## Experience

<u>Hiphen</u> , France	Mars. 2025 - Sep. 2025
<b>Web developer Intern (End of Engineering internship)</b>	<i>React, Ruby On Rails, GitBucket, Leaflet, Prisma</i>
<ul style="list-style-type: none"><li>Implemented tools to visualize large geospatial datasets using Leaflet.js, enabling smooth map rendering and interaction with high-volume geospatial data (more than 2000 features and markers).</li><li>Optimized map performance through clustering, lazy loading, and custom rendering strategies (from 10s to 2s)..</li><li>Design of UI/UX mockups with Figma, and automation of campaigns between managers and clients, enabling the reduction of manual follow-ups and improving tracking transparency.</li><li>Implementation of automated tests in Ruby to ensure system reliability and reduce errors in production.</li></ul>	
<u>Cynoia</u> , Tunisia	Sep. 2023 - Jan.2025
<b>Part-Time developer</b>	<i>React, Nest, Mysql, Tailwind, Gitlab, RabbitMQ, Redis, RTK</i>
<ul style="list-style-type: none"><li>Developed a voice recorder using WaveSurfer.js and integrated it in Lexical (rich text plugin).</li><li>Participate in building a library of more than 20 reusable front-end components (ShadCN / Radix UI).</li><li>Implemented Single Sign-On (SSO) login by integrating Google authentication using the OpenID Connect protocol with the Keycloak authentication system, facilitating secure access across 10+ microservices.</li><li>Participated in the development of a project management application (tickets definition and estimation, Kanban view, Analytics dashboard), reducing load times by 15% through optimistic updates and efficient cache management (RTK)</li><li>Improved application responsiveness and added support for over 2 languages through translation features. Wrote unit tests with Jest to ensure system reliability.</li></ul>	
<u>Cynoia</u> , Tunisia	Jul. 2023 - Sep. 2023
<b>Software Engineering Intern (Summer Internship)</b>	<i>React, Node, Mediasoup, GitHub, Docker, Redis</i>
<ul style="list-style-type: none"><li>Implemented a video conference application built on open-source Mediasoup projects, utilizing WebRTC technology</li><li>Integrated FFmpeg for video processing, implementing 3 features (recording, exporting, conversion)</li></ul>	
<u>Electronic Workplace</u> , Tunisia	Feb. 2022 - Jun. 2022
<b>Software Engineering Intern (End of Bachelor Internship)</b>	<i>Angular, .NET, SQL Server, Bootstrap</i>
<ul style="list-style-type: none"><li>Migrated and optimized NetRoster, a cloud-based solution for remote workforce management and scheduling</li><li>Designed a JWT-based authentication system with role-based access control for 3 access levels.</li><li>Conducted a system for workers to receive email notifications, view assigned shifts, and use a drag-and-drop calendar for vacation requests, improving engagement by 20%</li><li>Enhanced the system with a dashboard featuring analytical charts and exportable reports in formats like Excel and PDF, offering comprehensive insights and statistics</li></ul>	

## Skills and Languages

**Programming Languages:** JavaScript, Typescript, C#, Ruby, Java, C, SQL, Python, XML

**Front-End Technologies:** React, Angular, Figma

**Back-End Technologies:** NestJS, .NET Core, Ruby On Rails, Node.js, Express.js, MySQL, MongoDB, PostgreSQL, DynamoDB, Prisma

**Languages:** English, French, German