



Iheb Etteyeb

Full-Stack Web Developer

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Education

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

Experience

[Hiphen, France](#) Mars. 2025 - Sep. 2025

Web developer Intern (End of Engineering internship) *React, Ruby On Rails, GitBucket, Leaflet, Prisma*

- 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).
- Optimized map performance through clustering, lazy loading, and custom rendering strategies (from 10s to 2s)..
- 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.
- Implementation of automated tests in Ruby to ensure system reliability and reduce errors in production.

[Cynoia, Tunisia](#) Sep. 2023 - Jan. 2025

Part-Time developer *React, Nest, Mysql, Tailwind, Gitlab, RabbitMQ, Redis, RTK*

- Developed a voice recorder using WaveSurfer.js and integrated it in Lexical (rich text plugin).
- Participate in building a library of more than 20 reusable front-end components (ShadCN / Radix UI).
- 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.
- 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)
- Improved application responsiveness and added support for over 2 languages through translation features. Wrote unit tests with Jest to ensure system reliability.

[Cynoia, Tunisia](#) Jul. 2023 - Sep. 2023

Software Engineering Intern (Summer Internship) *React, Node, Mediasoup, GitHub, Docker, Redis*

- Implemented a video conference application built on open-source Mediasoup projects, utilizing WebRTC technology
- Integrated FFmpeg for video processing, implementing 3 features (recording, exporting, conversion)

[Electronic Workplace, Tunisia](#) Feb. 2022 - Jun. 2022

Software Engineering Intern (End of Bachelor Internship) *Angular, .NET, SQL Server, Bootstrap*

- Migrated and optimized NetRoster, a cloud-based solution for remote workforce management and scheduling
- Designed a JWT-based authentication system with role-based access control for 3 access levels.
- 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%
- Enhanced the system with a dashboard featuring analytical charts and exportable reports in formats like Excel and PDF, offering comprehensive insights and statistics

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