

Mohamed Bousoufi

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Professional Profile

Full Stack Developer with experience in building scalable web applications using React, Next.js, Django, and PostgreSQL. Recently completed an internship that enhanced my skills in real-world software development and DevOps practices with Docker. Passionate about clean code, teamwork, and creating seamless user experiences.

Education

1337 School, Computer Science

2022 – 2025

Intensive training focused on Full Stack development, modern system architectures, and DevOps best practices. Acquired strong skills in object-oriented programming, data structures, and algorithms through practical and collaborative projects.

Experience

Front-End Developer Intern

Apr 2025 - Oct 2025

Saint-Gobain – Data Governance & MDM Department

- Developed and maintained front-end components for the MDM web application using **React.js**.
- Integrated and consumed **REST APIs** (including Vice European APIs) to enhance data management functionalities.
- Collaborated with backend teams to ensure smooth data flow and interface consistency.
- Improved UI/UX for data visualization and user interaction modules.
- Contributed to Agile sprints, code reviews, and debugging to ensure high-quality delivery.

Skills

Languages	JavaScript, TypeScript, Python, SQL, HTML, CSS
Frameworks	React.js, Next.js, Django, Tailwind CSS
Tools & Tech	Docker, Git, PostgreSQL, REST APIs, WebSockets, Three.js
DevOps	CI/CD, Nginx, Linux, Agile/Scrum
Soft Skills	Team Collaboration, Problem Solving, Code Review

Projects

MDM Tab (Saint-Gobain Internship)

- Developed the MDM Tab interface to manage master data across multiple European divisions.
- Built dynamic and reusable UI components using React.js and integrated backend data through REST APIs.
- Consumed and synchronized data from Vice European APIs for real-time updates and validation.
- Enhanced data visualization and user experience through intuitive design improvements.
- Collaborated with the MDM and backend teams to ensure accurate data flow and smooth deployment.

Web Pong Application

- Built an interactive table tennis application using Next.js and React.
- Designed a Django + PostgreSQL backend for user management.
- Implemented WebSockets for real-time gameplay and integrated 2FA authentication.
- Added visual effects with Three.js for an immersive experience.

Docker Environment

- Configured an isolated environment with Nginx, WordPress, and MariaDB.
- Automated deployment pipelines with CI/CD for continuous integration.
- Monitored and maintained containerized services in production.