

# HAMZA TOUABAN

SOFTWARE ENGINEERING STUDENT | FULL-STACK DEVELOPER

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## PROFESSIONAL SUMMARY

Final-year Software Engineering student in Computer Science and Networks (MIAGE), focused on full-stack development. Hands-on experience with Java/Spring Boot, JavaScript/TypeScript, React, Next.js, Node.js/Express and SQL/NoSQL databases. Built modern web applications, REST APIs and secure authentication solutions.

## EDUCATION

Engineering Degree in Computer Science & Networks - MIAGE | EMSI, Rabat | 10/2023 - 07/2026

Integrated Preparatory Cycle | International University of Rabat (UIR), Rabat | 10/2021 - 07/2023

French-track Baccalaureate in Physical Sciences | École Kadiri, Beni Mellal | 2020 - 2021

## PROFESSIONAL EXPERIENCE

### Full-Stack Developer Intern

- Developed management web applications using React, Spring Boot, Node.js/Express and SQL databases.
- Implemented JWT authentication and secure REST APIs.
- Created dashboards and automated reports with Power BI.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, TypeScript, Python, C, C++, C#, PHP, Dart, HTML, CSS

**Frameworks & Technologies:** React, Next.js, Node.js, Express.js, Spring Boot, Tailwind CSS, Django, ASP.NET, Flutter, React Native

**Databases:** MySQL, SQLite, PostgreSQL, Oracle, MongoDB

**Tools & DevOps:** Git, GitHub, Docker, Render, Vercel, Power BI, Azure

**Methods:** MVC, REST APIs, Agile / Scrum

## CERTIFICATIONS

- Introduction to Java and Object-Oriented Programming - University of Pennsylvania
- React Native - Meta
- Introduction to Containers w/ Docker, Kubernetes & OpenShift - IBM
- Advanced Spring Cloud Microservices & Deployment with Docker - Packt
- React Basics - Meta
- Introduction to Git and GitHub - Google
- Virtual Networks in Azure - Whizlabs
- Machine Learning with Python - IBM

## PROJECTS

**Movie & Series App** | React, Node.js, Express, MongoDB, TMDB API

- Full-stack movie and TV catalog with search, favorites, watchlists, ratings and JWT authentication.

**Social Media App** | JavaScript, React

- Social network with profile management, posts and user interactions.

**CLI Project** | Java

- Object-oriented command-line application for data and task management.

**DevMetrics** | Next.js, TypeScript

- Web dashboard for visualizing development metrics and statistics.

**Gym Tracker** | Next.js, TypeScript, Vercel

- Web app for tracking workouts, exercises, loads, personal records and progress.

## LANGUAGES

French: Fluent | Arabic: Native | English: Fluent