Mehdi Hyani

Morocco | hyanimehdi115@gmail.com | +212632933177 | LinkedIn | GitHub | mehdihyani.me

SKILLS

Programming Languages: TypeScript, JavaScript, HTML, CSS, Python, SQL, Java
Frontend Technologies: React.js, Next.js
Backend Technologies: Node.js, Deno, Express.js, Nest.js, Fastify, GraphQL, REST
Databases: MongoDB, PostgreSQL, Redis
DevOps: Git, GitHub Actions, Docker, AWS, DigitalOcean, Kubernetes, Heroku, Vercel

EXPERIENCE

Boston Consulting Group   **Casablanca, Morocco**
Software Engineer   *January 2024 – Present*
- Spearheaded the development of a full-stack application for a leading airline, improving operational tracking efficiency for over 18,000 ground activities daily and ensuring seamless real-time updates.
- Coded customizable, high-performance charts using the Canvas API, capable of processing and displaying data for thousands of ground operations simultaneously.
- Collaborated with 5+ cross-functional teams and stakeholders in an Agile environment to define requirements, resolve issues, and deliver high-quality software solutions.

DeviTeam   **Ifrane, Morocco**
Part-time Student Developer   *Sep 2023 – Dec 2023*
- Created and rolled out an innovative React Native mobile app that serves the needs of 4,000+ university students; optimized administrative tasks resulting in significant processing time reductions across departments.
- Integrated more than five API services into the application, enhancing data centralization and user experience.
- Automated previously manual administrative workflows, saving over 200 hours annually for university staff.

Nestle   **El Jadida, Morocco**
Software Engineering Intern   *Jun 2023 - Aug 2023*
- Engineered a Next.js and PostgreSQL-based full-stack application to manage 1000+ employee sales, boosting internal data accessibility and operational efficiency.
- Implemented an intuitive data import/export system for non-technical users, reducing errors by 30%.
- Presented the project to senior leadership, securing the possibility of its expansion into 100+ other global offices as a standardized solution.

neoCedrus   **Ifrane, Morocco**
Software Engineering Intern   *Jul 2021 - May 2023*
- Created and maintained a mentoring platform using React.js, Express.js, and MongoDB, serving over 3,000 students and mentors each semester.
- Developed an anonymous feedback platform, increasing user submissions by 120% through a streamlined UI and enhanced data security.
- Improved application performance by 40% with advanced optimization techniques, including caching, pagination, and memoization.

PROJECTS

GoCampus
Full Stack Software Engineer   *Sep 2023 - Dec 2023*
- Collaborated in a team of four to develop a university-centric app, currently available on the Apple Store, used by 4,000+ students for academic and administrative needs.
- Built the app using React Native, Express.js, and PostgreSQL, integrating APIs for essential university services like printing and student data management.
- Integrated Azure EntraID B2C for secure authentication, ensuring data protection for sensitive student information.
- Delivered the project in an Agile framework, ensuring timely delivery and alignment with end-user expectations.

[Finance-Mi](#)

Full Stack Software Engineer   *Dec 2024 – Dec 2024*

- Developed Finance-MI, a financial management application that tracks spending, analyzes trends, and forecasts future expenditures using advanced statistical modeling.
- Implemented dashboards with interactive charts and forecasting capabilities to deliver actionable financial insights.
- Designed and deployed RESTful APIs for secure and efficient handling of user transactions, roles, and payment methods.
- Streamlined user experience with an intuitive React-based frontend, incorporating state-of-the-art data visualization and state management.
- Tech Stack: React, NestJS, Prisma, PostgreSQL, and JWT, leveraging modern tools like ECharts and Zustand for a robust and scalable solution.

EDUCATION

[Al Akhawayn University in Ifrane](#)   **Ifrane, Morocco**

B.S. in Computer Science   *Graduated: Dec 2023*

- o **Minor:** Business Administration
- o **GPA:** 3.7/4.00, *Dean's List*
- o **Related Coursework:** Computer Programming, Data Structures, Advanced Programming and Object-Oriented Programming, Analysis of Algorithms, Computer Organization and Architecture, Languages and Compilers, Operating Systems, Database Systems, Computer Communication and Networks, Advanced Distributed Programming Paradigms, Software Engineering I, Agile Software Engineering and DevOps, Enterprise Cloud and Mobile Applications