

HAMZA HOSSANI

SOFTWARE ENGINEER | MERN STACK

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SUMMARY

Passionate Software Engineer with 2 years of experience in developing web applications and backend systems. Skilled at writing clear, concise code that is easy to maintain and troubleshoot. Skilled in collaborating effectively within both small and large teams on variety of projects. Able to work independently of remote locations or in office environments as needed by the company.

PROFESSIONAL EXPERIENCE

Software Developer Bootcamp

March, 2024 – October, 2024

Simplon.co

Casablanca, MA

- Built a dynamic blogging platform using React, Next.js, and Node.js.
- Implemented RESTful API for integrating with third-party services, including Twilio for OTP verification and Nodemailer for email notifications.
- Utilized JWT for authentication and role-based access control, enhancing user security by protecting passwords with bcrypt.
- Created automated tests using Jest and Supertest, achieving 80% code coverage.
- Set up CI/CD pipeline with GitHub Actions, reducing deployment time by 25%.
- Designed a database using MySQL and MongoDB, optimizing complex query performance by 40%.
- Developed a real-time messaging system with Socket.io, facilitating instant notifications for messages and friend requests.
- Utilized Cheerio for data scraping, automating data retrieval from external sources.
- Implemented pagination on the client-side to enhance user experience when browsing through large datasets.
- Implemented cron jobs for automated tasks, including updating the database and sending weekly emails to subscribed users.
- Employed Docker for containerization, ensuring consistent development environments across teams.
- Integrated logging and error handling with Winston, facilitating easier debugging and monitoring of application performance.

Full-Stack Developer Bootcamp

October, 2022 – July, 2023

Gomycode

Casablanca, MA

- Created a user-friendly interface with Bootstrap and Tailwind CSS, enhancing the visual appeal and usability of the platform.
- Utilized Redux for state management and Context API for simpler state sharing among components.
- Collaborated in an Agile environment, applying Scrum methodologies and managing tasks through Trello.
- Implemented pagination on the client-side to enhance user experience when browsing through large datasets.
- Implemented security measures against CSRF attacks using CSRF tokens, and protected against XSS attacks with input sanitization.
- Configured Helmet middleware to set secure HTTP headers, enhancing overall application security.

Construction Manager HVAC

October, 2021 – December, 2023

Ventec Maroc

Casablanca, MA

- Managed HVAC construction projects, coordinating with the technical team.

EDUCATION

Engineer Degree: Energy Engineering

2018 - 2021

Faculty Of Sciences And Technologies

Mohammedia, MA

Associate's Degree: Math, Physics, Computer Science

2016 - 2018

Faculty Of Sciences And Technologies

Mohammedia, MA

High School Degree: Mathematical Sciences

2014 - 2016

Ben M'Sik High School

Casablanca, MA

KEY ACHIEVEMENTS

MERN Mastery

The only learner to successfully complete 100% of the bootcamp projects, showcasing exceptional discipline, autonomy, and comprehensive mastery of the MERN stack.

Consistent Top Performer

Ranked top of my class for all 5 years of university studies, demonstrating consistent academic excellence and a deep understanding of core concepts.

First to Conquer the Final Project

I was the first learner to complete my final project in the bootcamp, showcasing my commitment and ability to meet challenges effectively.

SKILLS

Tools

Javascript - Typescript - Java - C -
mysql - mongoDB

Framework & Library

React.js - Express.js - Next.js - Nest.js -
Node.js

DevOps & Software

Docker - Github Action - Figma - JIRA -
Trello

STRENGTHS

★ Problem-Solving

Able to analyze complex technical challenges and devise innovative solutions to enhance application performance and user experience.

★ Adaptability

Ability to quickly adjust to changes and learn new technologies or methods.

★ Time management

Ability to effectively manage time and meet deadlines while maintaining quality work

PROJECTS

Find Players And Events

Developed a web application that connects users with sports partners and local events in their city.

Web Scraping

Developed an application that automates product data scraping from e-commerce websites.

LANGUAGES

Arabic : Fluent

French : Advance

English : Advance