BENNANI MOHAMMED

Full-Stack Engineer passionate about developing innovative solutions and creating exceptional user experiences. Currently working as a freelance developer, applying my expertise in front-end and back-end development to build scalable and efficient web applications.

Degrees and Training

State Engineer in Computer Science and Networks, specializing in MIAGE
2021 - 2024 École Marocaine des Sciences de l'Ingénieur, Rabat

1337 Coding school
2018 - 2020 Khouribga

Self-learning and freelance activities
2015 - 2018, Exploration des bases de la programmation et des technologies web à travers des formations en ligne et des projets indépendants, avec des missions ponctuelles en freelance

First year of Bachelor's degree in Mathematical and Computer Sciences
2014 - 2015 Université Mohammed V, Faculté Des Sciences, Rabat

Mathematics Baccalaureate (Sciences Mathématiques B)
2013 - 2014 Lycée Al Idrissi, Safi

Professional Experience

Apexiom | freelance   June 2025 to September 2025

- A web application where clients can browse and request professional services including plumbing, heating, bathroom renovation, climate control, emergency response, and sustainable energy solutions. Each service is integrated with dynamic forms to streamline client requests and improve service delivery.
  Technical Skills:

✔ System: Linux
✔ Virtualization/Container: Docker
✔ Scripting/Language/Framework: mysql | nodejs | reactjs | typescript | tailwindcss
✔ Development Tools: visualstudio
✔ DevOps: GitHub Actions

IT Engineer – Safi Vert Nettoyage (December 2024 – 15/06/25 | Safi, Morocco)

Technical Skills:

✔ Development of internal applications for logistics management (storage, bagging, shielding).
✔ Optimization of temporary staff assignment processes through customized digital tools.
✔ Implementation of a tracking and reporting system for industrial cleaning operations.
✔ Administration of network infrastructure and securing IT systems.
✔ Support for the digital transformation of operations: task automation and reduction of processing times.
✔ Technical support and training of teams on newly deployed tools.

Freelance Full-Stack Developer (01/11 – 01/03 | Valenciennes, France)

Automotive Maintenance Garage System
Technical Skills:

✔ Design, development, and deployment of a web application for automotive maintenance management.
✔ Advanced use of Next.js to create responsive and dynamic interfaces with ShadCN and Tailwind CSS.
✔ Secure API development with NestJS and MongoDB for efficient data management.
✔ Implementation of a role-based authentication system for mechanics and electricians.
✔ Development of modules for managing clients, vehicles, mechanical and electronic interventions.
✔ Automated generation of quotations (devis), including client and vehicle details, intervention breakdown, pricing, VAT, and total cost.
✔ Integration of download and print functionalities for quotations to streamline administrative processes.

Full Stack Engineer Intern at Harmony Technology   March to September 2024

- Digital Navigation System for the Hospital
  Technical Skills:

✔ Design, development, and deployment of a digital hospital navigation system.
✔ Advanced use of React to create responsive interfaces with ChadCN and Tailwind CSS.
✔ Robust development of secure APIs with NestJS.
✔ Proficiency in Docker for efficient deployment in production environments.
✔ Advanced version control management with Git.
✔ Design of project architectures and integration of IoT technologies for precise indoor localization.

École Mohammadia d'Ingénieurs | Internship   July 2022 to October 2022

- Development of an Automated Data Extraction System from HTML Files using Text Processing Algorithms.
  Technical Skills:

✔ System: Linux
✔ Virtualization/Container: VMware, Docker
✔ Scripting/Language/Framework: Python | React.js | Node.js | TypeScript | MongoDB | XML | PyMongo | BeautifulSoup
✔ Development Tools: Slack | Postman | IntelliJ IDEA
✔ DevOps: GitHub Actions
✔ Deployment: Azure DevOps

IT Skills

- **Programming Languages:** C, C++, Python, Java.
- **Web Development:** HTML5, CSS3, JavaScript, ASP.NET, Node.js, NestJS, Advanced React.
- **Development Tools:** Visual Studio, Visual Studio Code, Visual Basic, Notepad++, Git, Jupyter, Azure, Jira Scrum, DevOps.
- **Operating Systems:** Ubuntu, Windows, Fedora, Cloudera.
- **Database/Design:** MySQL, PL/SQL, UML, Microsoft SQL, Oracle, MongoDB, PowerAMC.
- **Computer Networks:** TCP & UDP.

Contact Information

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Certificates

COURSERA

- Introduction to Cloud Computing
- Introduction to Cybersecurity tools & Cybersecurity attacks
- Docker
- Interactivity with Javascript
- Introduction to CSS3
- Introduction to HTML5
- Advanced React
- Reactjs
- Introduction to DevOps
- Nestjs
- Python

SOFT SKILLS

- Adaptability to projects and technologies.
- Strong analytical skills and responsiveness.
- Teamwork.

Languages

- Arabic:Advanced
- English:Advanced
- French:Advanced

Interests

- Web development and web design.
- Affinity for coding
- Sports
- Travel