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## EDUCATION

- **1337 Coding School, 42 Network**

*Architect in digital technologies*  
Oct 2019 - nov 2023

- **University Ibn Zohr**

*Bachelor's degree in economics*

Oct 2013 - July 2016

- **High school degree**

*Economics*  
June 2013

## SKILLS

- **Programming languages :**

C, C++, JavaScript,  
TypeScript, Bash, Python

- **Tools :**

ReactJs, React Native,  
Django, NodeJs, Docker,  
Git, Visual Studio Code

## LANGUAGES

- Arabic - Native
- French - Full Professional Capacity
- English - Full Professional Capacity

# Mohamed BIFENZI

## Full Stack Developer

### PROFILE

Motivated problem solver with strong analytical and technical skills. Quick learner who thrives on bringing projects to fruition. Passionate about tackling complex challenges and achieving innovative solutions.

### PROFESSIONAL EXPERIENCE

#### Full Stack developer | Vanguard Center - UM6P

*Mai 2023 – Present*

- Developed a comprehensive university intranet system to streamline administrative workflows (e.g., congé, ordre de mission), including finance-related modules that read Excel files, perform real-time calculations, and display results to users. Built the front end and authentication system using Next.js and Django.
- Created a specialized Mechatronics intranet for the School of Mechatronics, integrating advanced tools such as a browser-based VS Code editor, a web terminal, and a custom-built Holygraph tool for visually structuring program projects.
- Led the development of a Learning Management System (LMS) for PhD students, beginning with a gamified candidature process inspired by the 1337 School admission model. The platform allows students to progress through challenges, access learning resources, and complete quizzes. Focused on crafting an intuitive and responsive front end.
- Mentored and trained two junior frontend developers, and currently lead the frontend team at Vanguard Center, overseeing and maintaining multiple platforms across departments.
- Built a specialized online VS Code interface that functions as a live transpiler, converting Python code into C++ and Fortran, complete with execution capability in a dedicated terminal component.

#### Start-up Founder | Ok voiture

*Dec 2022 – Jan 2023*

Developed a full-stack application using Next.js (Front End) and Nest.js (Back End), and Postgres as the backend database. Created a platform for car-sharing, enabling individuals to list their vehicles and connect with renters.

### ACADEMIC PROJECTS

#### ft\_transcendence

*Nov 2022 – Feb 2023*

Implemented a realtime game, chat, group chat channel, friend's online offline status, guild, guild war, ranking system and tournament.

##### Key responsibilities

- Front-end tasks (NextJs)
- Built a responsive layout that was compatible with 99.5% of all devices, as measured by website analytics tools.
- Collaborated with backend developers (NestJs) to integrate APIs and data sources.

#### Inception

*Mars 2022 – Avr 2022*

- Utilized Docker to manage and deploy containerized applications, demonstrating proficiency in the technology.
- Set up an infrastructure consisting of WordPress with LEMP Stack (Nginx, MariaDB, and PHP) using Docker / Docker-Compose.