

KAOUTAR MOURADI

software engineer
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Education

Baccalaureate: BAC in Mathematical Sciences
Allama Mohamed Sbihi High School

Sale, Morocco
2016, 2017

Mathematical Sciences and Applications (SMA)
Faculty of Sciences of Rabat

Rabat, Morocco
2017, 2020

Chinese Language Studies
Confucius Institute of Rabat

Rabat, Morocco
2021, 2022

Diploma in IT Systems Architecture
1337 Khouribga (42 Network)

Khouribga, Morocco
2022, Present

Skills

Programming Languages :	C, SQL, HTML/CSS, JavaScript/TypeScript, C++, python.
Libraries/Frameworks :	bootstrap, Nextjs, tailwind, django, reactjs, redux.
Tools/Platforms :	Git, Docker, VirtualBox, GitHub.
Databases :	PostgreSQL, MariaDB.

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MINISHEL: [Github](#)

Built a custom Unix shell in C with support for pipes, redirections, environment variables, and built-in commands.

Inception: [Github](#)

Deployed a secure Docker-based system with Nginx, WordPress, and MariaDB, using Docker Compose and volumes.

ft_IRC: [Github](#)

Created a real-time IRC server supporting multiple users and channels with socket programming in C++98.

ft_transcendence: [Github](#)

This project involved modernizing the classic Pong game into an online multiplayer platform. Users can play Pong with others in real-time, connect with friends, create chat rooms, and enjoy a variety of features, all developed using the latest web technologies.

Web Projects

ToDo List: [Link](#) [Github](#)

React, TypeScript, Next.js, TailwindCSS

A responsive and user-friendly To-Do List app built with React and Vite. It allows users to add, edit, delete, and filter tasks by status (All, Active, Completed). Built to practice React fundamentals, state management, and modern frontend tooling.

Calculator: [Link](#) [Github](#)

React, TypeScript, Next.js, TailwindCSS

A clean and responsive calculator app built with React, Next.js (App Router), and Tailwind CSS. Supports basic arithmetic operations with clear state management using useReducer. Designed to practice component structuring, user interaction, and modern frontend development.

Weather Dashboard: [Link](#) [Github](#)

React, TypeScript, Next.js, TailwindCSS

A modern weather dashboard built with React and OpenWeatherMap API, offering real-time weather updates. Displays current temperature, humidity, wind speed, and weather conditions by city search. Fully responsive design with smooth UI, perfect for practicing API integration and dynamic rendering.

Auth UI

React, TypeScript, Next.js, TailwindCSS

Development of a modern authentication interface with features such as secure login, registration, password reset, and email verification. Integrated user-friendly forms and a responsive design.

E-commerce Store for Dogs

React, TypeScript, Next.js, TailwindCSS

Creation of an online store for dog products with advanced search filters, a dynamic shopping cart, and a smooth checkout process.

coffee-website

React, TypeScript, Next.js, TailwindCSS

Designed and developed a modern, animated coffee shop website with a focus on user experience.

Certificates:

Meta: Introduction to Front-End Development

Programming with JavaScript

Version Control

HTML and CSS in depth

React Basics

Advanced React

Meta React Specialization