

Adil Raqioui

FullStack Developer

✉ raqiouiadil@gmail.com

☎ +212674750474

🌐 github.com/ADILRAQ

🌐 linkedin.com/in/adil-raqioui

📍 Khouribga, Morocco

🔗 raqiouiadil.me

Profile

As a fullstack software engineer with a passion for web development and problem-solving, I thrive at the intersection of frontend and backend innovation. Mastering a range of **JavaScript frameworks** and libraries, I craft dynamic, user-centric applications that blend seamless functionality with engaging interfaces. Always on the pulse of industry trends, I continuously expand my skills to deliver transformative digital experiences that make an impact.

Skills

Backend

NodeJs ExpressJs NestJs MongoDB PostgreSQL

Frontend

React NextJs TailwindCSS Storybook

Mobile

React native

DevOps

Docker Test Driven Development

Languages

Javascript Typescript Java C/C++

Other

Git/Github NPM Figma API testing Webhooks

Projects

Pongy (Collaborated Project)

A real-time online pong contest website With **Next.js**, **Nest.js**, **Docker** and **PostgreSQL**.

- Developed and implemented a WebSocket gateway using **Socket.io** for real-time chat and channel management, supporting public, private, and protected channels.
- Designed and structured a **PostgreSQL** database schema using **Prisma ORM**, ensuring efficient storage and retrieval of chat and channel data.
- Created **RESTful API** endpoints for channel management, including creation, banning, kicking, and deletion, delivering robust admin functionalities.
- Built responsive and engaging user interfaces for channel interactions and chat, ensuring seamless user experiences across devices.
- Configured **Docker** environments for development and deployment, enhancing project scalability and simplifying workflows.

Authentication-MVC

- Developed a secure authentication system with manual and Google **OAuth** options, integrating JWT for session management and token validation.
- Built responsive **EJS views** for user sign-in, seamlessly connecting frontend forms with backend authentication logic.
- Designed and implemented a **Singleton pattern** for user storage, efficiently managing sessions without a database.
- Created custom middleware for **JWT** validation, ensuring secure access control and session management across the application.
- Handled form validation and error handling on the frontend, streamlining the authentication process for users.

Inception - Dockerized System

- Executed a project to set up a small infrastructure using **Docker** within a **virtual machine**.
- Developed custom **Dockerfiles** for services, including **NGINX** with **TLS**, **WordPress** with **php-fpm**, and **MariaDB**.
- Configured **Docker Compose** to manage containers, ensuring each service ran in its dedicated container.
- Implemented **Docker volumes** for data persistence and established secure inter-container networking.
- Achieved efficient container management with auto-restart capabilities and utilized environment variables.
- Configured a domain to resolve to the local IP address, adhering to security and best practice guidelines.

Education

2022 - Present	Bachelor's Degree in IT Architecture
Khouribga, Morocco	1337 - 42 <i>Network</i>
2019 - 2021	Specialized Technician Diploma in Civil Engineering
Settat, Morocco	<i>EMFMBTP</i>
2018 - 2019	High School
Fkih Ben Salah, Morocco	<i>El Kindi High School</i>

Certifications

JavaScript Certificate

HackerRank

C Problem Solving

CodinGame