ABDELLAH AGOUZOUL

Software Engineer

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Portfolio | GitHub | Linkedin

SUMMARY

Full Stack Developer with a strong foundation in software engineering and hands-on experience building web applications. Skilled in **React**, **Django**, and **Node.js**. Experienced in containerization with **Docker** and designing **RESTful APIs**. Eager to contribute to impactful projects and grow in a collaborative development environment.

EDUCATION

1337 Coding School (42 Network)	Khouribga
Computer Science	2022 - Present
Institut Specialise de Gestion et Informatique (ISGI)	Khouribga
Diplôme de Technicien Spécialisé en Systèmes et Réseaux Informatiques (TRI)	2017 - 2020

SKILLS

Languages:	C, C++, Python, JavaScript, TypeScript
Libraries/Frameworks:	React, Next.js, Django, Express.js
Tools / Platforms:	Git, GitHub, Docker
Databases:	PostgreSQL, Prisma, Redis
Concepts:	REST APIs, CI/CD, Agile, Unit testing

PROJECTS

Pongiverse | *Django, React, Docker, PostgreSQL, Redis*

A Full Stack multiplayer pong game web application with real time chat (Team Project)

- Created a responsive user interface for chat and channel interactions, providing a smooth experience across all devices.
- Implemented real-time communication using **Django Channels** and **WebSockets**, enabling live interactions and dynamic updates.
- Designed a **PostgreSQL** database schema using **Django ORM** to ensure efficient storage and quick access to chat and channel data.
- Deployed the application using **Docker**, ensuring seamless **containerization** and scalability.

Movio   *TypeScript, Next.js, TanStack/React-query, ShadCN*

A responsive movie explorer web application that fetches and displays movie data using the **TMDb API**

- Created a clean and responsive user interface using **Tailwind CSS** and **ShadCN UI**.
- Implemented efficient data fetching and **caching** using **TanStack**, reducing API calls and improving performance.
- Added **debounced search functionality** to allow real-time movie searches while minimizing API usage.
- Integrated the **TMDb API** with Axios to fetch and display popular movies with **infinite scroll pagination**.

Inception   *Docker, NGINX, WordPress, MariaDB*

A secure Docker-based infrastructure project deploying web services in isolated containers

- Set up and configured containers for **NGINX**, **WordPress**, and **MariaDB** with secure networking.
- Ensured data persistence using **Docker volumes** to maintain state across container restarts.
- Created an **isolated Docker network** to enhance service communication security.

Barbershop Booking System ⓞ | ☒   *React, TailwindCSS, LocalStorage*

An intuitive application for scheduling and managing barbershop appointments

- Developed a **responsive** and user-friendly interface for booking and managing barbershop appointments.
- Simulated **backend functionality** using **LocalStorage** for rapid development and testing.
- Designed a dynamic calendar system for real-time slot availability and appointment tracking.
- Created a comprehensive presentation of services, pricing, and barber expertise to enhance user engagement.

Languages

Arabic:	Native proficiency
English:	Professional working proficiency