Aymane Hrouch

Casablanca, Morocco · aymane.superuser@gmail.com · +212637478085 · hrouch.me

Skills

Backend:	FastAPI, Node.js (Express.js), GraphQL, Spring Boot
Frontend:	React.js, Vue.js, React Native, HTML, CSS, Tailwind CSS
Databases:	MySQL, PostgreSQL, MongoDB, Redis
Programming languages:	Python, Typescript/Javascript, C, Java, C#
Cloud & DevOps:	AWS, Github Actions, TeamCity, Docker, Nginx
Messaging & Streaming:	Kafka, RabbitMQ
Monitoring & Visualization:	Kibana, Grafana
Spoken Languages:	English, French, Arabic

Work Experience

Société Générale Africa Technologies & Services Casablanca, Morocco
Software Engineer February 2023 - Present

- Developed a robust API to replace a manual, Excel-based workflow, significantly improving efficiency
- Led impactful infrastructure migrations affecting over 60 global collaborators
- Implemented CI/CD pipelines supporting an ecosystem of 25+ Python packages and 5 internal APIs
- Designed high-performance internal APIs and implemented a lightweight load balancing mechanism to enhance reliability and response times
- Collaborated with cross-functional and international teams to ensure smooth integration and communication
- Developed a cross-check engine that automated data validation and reduced manual workload by 80%, delivering detailed mismatch reports
- Set up automated code quality checks with GitHub Actions, integrating tools like isort and black to enforce clean, consistent code standards

AWLERS Rabat, Morocco
Freelancer Web Developer May 2022 - February 2023

- Built a high-performance web app using the MERN stack to deliver a robust user experience
- Used Redux for state management and async handling to ensure scalability and responsiveness

PULSE.digital Casablanca, Morocco
Software Engineer Intern July 2022 - August 2022

- Built a cross-platform mobile app with React Native, ensuring consistent UX across platforms
- Implemented authentication and push notifications to enhance security and user engagement

Projects

FocuSquad *Node.js, Socket.IO, Vue.js, Redis* https://focusquad.hrouch.me
An online platform that helps you stay focused and productive while studying/working. It allows you to set a timer for yourself and your friends, so that you can all study together. During breaks, you can chat with your friends and discuss the topics you're learning about.

OvThinker *React.js, Node.js (Express.js), MongoDB, Mongoose* https://ovthinker.hrouch.me
A diary platform that allows users to write diaries and store them securely. It has some cool features like locking diaries for a certain period of time so that the writer can come back and read them later or fetch a random diary from the past.

Whatsapp Backup Reader *HTML, CSS, Javascript* https://wbr.hrouch.me
Online tool that enables users to convert a Whatsapp exported chat, from a text file, into an easy to read HTML page. It allows users to view conversations in an organized and easy to read format. It is useful for archiving conversations.

Education

National School Of Applied Sciences Khouribga, Morocco
Engineer's Degree Software & Data Engineering September 2020 - June 2023