

# Mohamed irhirallah

✉ irhirallah.mohammed@gmail.com

☎ +212 684 236 247

📍 Rabat, Morocco

🌐 mohamed irhirallah

## SUMMARY

DevOps student at 1337 School with a solid foundation in C programming, system development, and full-stack web technologies. Passionate about problem-solving, algorithms, and building reliable software solutions. Known as a fast learner and strong collaborator.

## EDUCATION

### DevOps Engineering | 1337 Um6p Rabat

october 2024 - Present

- Focus on low-level programming, system-level development, and Linux administration.
- Currently specializing in DevOps, automation, containerization, and CI/CD pipelines.

### Full-Stack Developer | ISGI khouribga

October 2021 - juin 2023

- Built dynamic web applications with responsive frontends and robust backends.
- Developed skills in React.js, Laravel, APIs, database integration, and user-friendly UI/UX.

## SKILLS

- **Languages** : C, C++, JavaScript, PHP, SQL
- **Web** : React, Laravel, HTML, CSS, Bootstrap
- **Systems & Tools** : Linux (Debian/Ubuntu), Git/GitHub, VirtualBox, Shell scripting
- **Concepts** : Algorithms, Data structures, Concurrency, Networking, Security

## PROJECTS

### Minishell — C Developer (2025)

- Engineered a Unix-like shell supporting pipes, redirections, environment variables, and signals.
- Tools/technologies: C, POSIX system calls, Processes, Signals

### Born2beRoot — System Administrator (2024)

- Secured a Debian-based virtual machine with firewall, SSH, and monitoring scripts.
- Tools/technologies: Debian, VirtualBox, UFW, Systemd, SSH

### Push\_swap — C Developer (2024)

- Built an optimized sorting algorithm using two stacks and limited operations (sa, pb, ra, etc.).
- Tools/technologies: C, Data structures, Algorithms

### Philosophers — C Developer (2024)

- Developed a concurrent simulation of the dining philosophers problem with threads and semaphores.
- Tools/technologies: C, Pthreads, Synchronization, Concurrency

### Quick\_Annonce — Frontend Contributor (2023)

- Built responsive UI with React.js, Bootstrap, and CSS.
- Developed reusable components and integrated REST APIs.

## WORK EXPERIENCE

### Internship - province

May 2023

- Gained practical experience in administrative systems.
- Applied technical skills in a professional environment.

### freelancer - frontend developer

Nov 2023 - July 2024

- Collaborated remotely to develop web applications.
- Focused on responsive UI, reusable components, and API integration.

## LANGUAGES

- Arabic: Native
- French: Professional working proficiency
- English: Professional working proficiency