

Name: Wassim Boussebha Abdessamed
Email: wassim.boussebha@ensttic.dz
LinkedIn: [linkedin.com/in/wassimboussebha](https://www.linkedin.com/in/wassimboussebha)

Phone: +213549346521
Location: Oran, Algeria
Website: wassim31.github.io

SKILLS

Languages: Java, C, JavaScript

Backend: Spring Boot, Spring Data JPA, Spring Security, Hibernate, Redis, PostgreSQL.

Frontend: TypeScript, ReactJs, AngularJS.

System: Linux, Bash Scripting , Docker, Kubernetes, Git, GitLab CI/CD, AWS

PROFESSIONAL EXPERIENCE

Full-Stack Java Developer – Attraxia (Part-time)

Aug 2024 – Mar 2025

- Designed and implemented a secure authentication system using **Spring Security** with **JWT-based stateless sessions**, email verification, and OTP flows; integrated with **Spring Data JPA/Hibernate** for persistent user management.
- Built a real-time assignment tracking platform with **Spring WebFlux WebSockets**, enabling sub-second updates at scale and handling thousands of concurrent connections efficiently.
- Engineered REST APIs with advanced backend patterns: **pagination**, **API rate limiting**, and **centralized exception handling** as well as Database schema optimization, caching strategies, load distribution
- Automated deployments with **Docker** and **GitLab CI/CD**, reducing release time by 90% and ensuring reproducible production builds.

Full-Stack Java Developer – SellSabeel (Part-time)

Sep 2023 – Mar 2024

- Developed a platform in **Spring Boot (Java)** to automate deployment of Docker-based applications on Amazon cloud services that reduced deployment time from **1–2 hours** to under **10 minutes**, enabling faster SaaS deployment.

Full-Stack Java Developer – American Corner Oran (Part-time)

Sep 2021 – Mar 2022

- Developed a full-stack **Library and HR management system** using **Spring Boot (Java)**, **Spring Data JPA/Hibernate**, **MySQL**, and **ReactJS**, enabling seamless integration between backend services and the web client.
- Implemented robust **RESTful APIs** with features such as role-based access control, input validation, and error handling, ensuring security and reliability.
- Automated reporting and streamlined workflows, reducing manual administrative tasks by **20+ hours/week** and accelerating data retrieval speed by **80%**.

EDUCATION

Master's in Computer Engineering

Dec 2020 – Jun 2025

National Higher Institute of Telecommunications, Oran, Algeria

PROJECTS

- **Orsh** – A minimal, custom Linux shell implementation in C. github.com/wassim31/orsh
- **Sahla** – A programming language designed and built from scratch, with compiler and runtime components.

OPEN SOURCE CONTRIBUTIONS

- **Mininet Core** – Fixed a C internal program for the SDN emulator, improving stability.
- **Docker Documentation** – Authored and refined technical documentation for developers.
- **Grafana Build System** – Contributed fixes to the build infrastructure, improving developer workflows.