

Abdelilah Bouchikhi

JAVA / ANGULAR DEVELOPER

tel +212 618 613 876
mail bouchikhiabdelilah0@gmail.com
web abdelilah.bouchikhi.com
in linkedin.com/in/abdelilah-bch
git github.com/Abdelilah-99

PROFILE

Java / Angular developer building Spring Boot microservices and Angular front-ends, from the database to the UI. Recent Software Engineer Intern at HPS, delivering bug fixes and features on PowerCARD v4, a payment card platform built on a microservices architecture. Solid systems foundation in C, used to working in teams, reviewing code and leading small groups to deliver on time.

EXPERIENCE

Software Engineer Intern

Aug - Sep 2026

HPS (Hightech Payment Systems) · via the 01Talent program

- Developed and maintained Java/Spring Boot services in **PowerCARD v4**, a **microservices architecture** in a large multi-module Gradle monorepo, across the issuer and acquirer modules.
- Delivered **bug fixes and features** on the **PowerCARD 4.3.0 and 4.2.5** release lines.
- **Improved batch performance** (authorization-archive, refund-suspension) by moving OpenSearch writes to event-based ingestion through Fluent Bit, including a new DTO mapping for refund events.
- **Resolved a production incident** caused by a blocking OpenSearch refresh call (SocketTimeoutException); shipped the fix across develop, 4.2.5 and 4.3.0 with cherry-picks and backports.
- Built Docker images, pushed them to a private registry and deployed them to **Kubernetes**, debugging startup failures such as bean-override and repository-scanning conflicts.
- Monitored services and investigated performance issues with **Grafana, JProfiler** and **AWS CloudWatch**.
- Scaffolded a new microservice end to end: Liquibase migrations, JPA composite keys, generic CRUD service/controller layers and gRPC contracts.

Java · Spring Boot · JPA/Hibernate · Liquibase · Gradle · gRPC · OpenSearch · Fluent Bit · Docker · Kubernetes · Grafana · JProfiler · AWS CloudWatch · Git

PROJECTS

01Blog — Full-Stack Social Blogging Platform

blog.bouchikhi.com

- Social blogging app with posts, multimedia, followers, groups, chats and notifications.
- Secure JWT authentication, role-based access control and admin moderation tools; backend and frontend containerized with Docker.

Java · Spring Boot · Angular · PostgreSQL · JWT · Docker

Minishell — Unix Command Interpreter

- Command interpreter built on an AST: execution, pipelines, redirections and variable expansion.
- Process creation and inter-process communication with fork/exec and Unix pipes.

C · Readline · AST · Unix pipes · fork/exec

Bomberman — Multiplayer Game (2-4 players)

bomberman.bouchikhi.com

- Real-time multiplayer game: movement, collisions, bombs, power-ups and destructible blocks, at a smooth 60 FPS on a custom JavaScript framework.

JavaScript · HTML5 · CSS3 · DOM

SKILLS

Backend

Java · Spring Boot
Microservices · JPA/Hibernate
REST APIs · gRPC · Liquibase

Frontend

Angular · Next.js · JavaScript
HTML5 · CSS3

Data

PostgreSQL · MySQL · SQLite
OpenSearch

DevOps & Observability

Docker · Kubernetes · Gradle
Git · Linux · Fluent Bit
Grafana · JProfiler
AWS CloudWatch

Also

Go · Rust · C · Shell/Bash

EDUCATION

Apr 2024 - Present

Zone01 Oujda

Full-Stack Development Training
(Front-End & Back-End)

Oct 2024 - Sep 2025

1337 Rabat

Programming & Computer Systems ·
Systems Programming

Lycée Laymoun, Berkane

Baccalaureate · Electrical Science &
Technology

LANGUAGES

English — Intermediate

French — Intermediate