



# BOURICH SOUFIANE

Computer engineering student, specializing in information systems engineering, in the final year of the engineering program.





## Contact



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 [Soufiane Bourich](#)

 [Bourich-20](#)

 Mobilité: Nationale

 [sb-portfolio-20.onrender.com](https://sb-portfolio-20.onrender.com) 

Française : courant

Anglaise : courant

Arabe : maternelle

Age : 22 ans

## SKILLS

### Programming Languages :

- C, Java, JavaScript, TypeScript, Dart, python.

### Web Technologies :

- Spring(boot/MVC/Data JPA / Security / Cloud).
- React, Angular, HTML, CSS, Bootstrap.
- Ajax, Thymleaf.
- Java JEE, Node. JS , Express.

### Mobile Technologies :

- Flutter , Ionic Angular, Swift.

### Databases:

- MySQL, OracleDatabase, PostgreSQL, SQLServer, MongoDB.

### Operating Systems :

- Windows, Linux.
- Programmation Système et Réseaux.

### Design and Methods :

- UML, Merise, Design Patterns.
- InDesign / Figma / Illustrator

## SOFT SKILLS:

- Problem Solving
- Optimisation
- Fast Learner

## Formations

### • Faculty of Sciences and Techniques SETTAT

Engineering cycle in Computer Engineering. 2022 - Present

### • Polytechnic Faculty - Ouarzazate

General University Studies Diploma (DEUG) in Mathematics and Computer Science (SMI) obtained in 2020-2022.

### • High School

Bachelor's degree in Physical and Chemical Sciences (SPC) obtained in 2019-2020

## Professional Experience

### Internship at CodingArt

#### • Web Application: From July 1, 2024 - October 1, 2024

Developed backend using Spring Boot with Spring Security (JWT), Spring Data, and JPA; utilized Docker and Kubernetes for containerization and deployment; and worked on microservices architecture with Spring Boot and NestJS.

### Internship at Diamantech

#### • Mobile Application: From July 17, 2023, to September 3, 2023

Developed a full-stack task management mobile application using Ionic Angular and Node.js to contribute to the company's innovation.

## Freelance

### • Mobile Application: From May 1, 2024, to May 15, 2024

Mobile app for embedded systems engineering students to collect and transfer data via Wi-Fi and GPS, visualize trucks and garbage bins in real-time on a map, and optimize routes through server communication.

## Freelance

### • Mobile Application: From April 10, 2024, to May 1, 2024

Mobile app for biomedical engineering students to collect and display real-time EMG data, featuring data storage and a section for doctors to manage patients and send reports. Technologies used: Flutter, Arduino, Bluetooth, Firebase.

## Academic Projects:

### • Air Traffic Control Project (web application):

Real-time tracking of airplanes, smooth animation for airplane movements, collision detection, and management of weather conditions using Dijkstra's algorithm.

**Technologies used:** Spring Boot, HTML, CSS, JavaScript.

### • Java Project: (desktop application)

Administrative Management System for a College.

Technologies used: Java, JavaFX, MySQL.

### • Python Project: (desktop application)

Principal Component Analysis (PCA) and Discriminant Factor Analysis (DFA) Applied to a Dataset.

Technologies used: Python

### • In C language project: Library Management System