

Rachid Fourat

Software Engineering Student

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As a second-year software engineering student, I am passionate about AI.

With a strong foundation in software development principles and programming languages, I possess the skills to contribute to real-world projects. I have a proactive approach to learning and thrive in both independent and team-oriented environments.

EDUCATION

Higher Institute of Applied Sciences and Technology of Sousse (ISSATSo) **Sousse, Tunisia**
Engineer's degree in Software Engineering 2022-Current
Relevant Coursework: Python - Spring Boot - Databases - SQL - Networking

Higher Institute of Applied Sciences and Technology of Sousse (ISSATSo) **Sousse, Tunisia**
Integrated Preparatory Cycle 2020-2022
Relevant Coursework: Algebra & Calculus; Algorithms & Data Structures; C/C++/Java; Databases

Houmet Souk High School **Djerba, Tunisia**
High School Diploma in Mathematics 2020

INTERSHIPS

Tnker **REMOTE**
Flutter Developer June 2023 – August 2023

- Developed and integrated marketplace features within a Flutter application to connect clients with service providers.
- Implemented secure authentication and payment gateways to ensure a seamless and safe user experience.
- Conducted thorough testing and debugging to ensure a stable and reliable marketplace platform.
- Documented code and created comprehensive technical documentation for maintenance and future development.

CodeClause **REMOTE**
Python Developer May 2023 – June 2023

- Assisted in developing Python scripts to automate manual processes and increase efficiency
- Conducted testing and troubleshooting of scripts to ensure accurate and reliable results
- Collaborated with cross-functional teams to gather requirements and deliver solutions
- Documented code and provided technical documentation for future reference

VOLUNTEERING EXPERIENCE

NATEG ISSATso **SOUSSE, TN**
External Relations Team Member Sept 2022 – Current

- Proficient in event planning and execution, including logistics, promotion, and coordination.
- Marketing and promotional skills to enhance the club's visibility and attract new members and sponsors.
- Problem-solving and decision-making abilities, ensuring effective resolution of challenges and conflicts.

RELEVANT SKILLS

- **Programming Languages and Frameworks:** Python, C/C++, Javascript, Dart, Flutter, Node.js
- **Databases:** MySQL, Firebase, MongoDB.
- **Data science skills:** Pandas, Sickit-learn

- **Programming & SE skills:** OOP, Data Structures, Architectural Design Patterns.
- **Operating Systems:** Windows, Linux.
- **Others:** Git - UML - Jira - Problem-Solving - Critical Thinking

LANGUAGES

- **Arabic:** Native
- **English:** Advanced
- **French:** Fluent
- **German:** Basic

ONLINE COURSES AND CERTIFICATES

Nvidia :

Fundamentals of Deep Learning

Kaggle :

Python - Pandas - Intro to Machine Learning - Features Engineering

Udemy :

The Complete 2022 Flutter & Dart Development Course

PERSONAL AND ACADEMIC PROJECTS

Book Social Network (Spring Boot, Angular, JWT, Docker)

- Developed a full-stack web application for managing book collections and facilitating interaction among book enthusiasts.
- Implemented user registration, secure email validation, and authentication using JWT tokens.
- Enabled comprehensive book management features including creation, updating, sharing, archiving, borrowing, and return approval.
- Utilized Spring Boot 3 and Spring Security 6 for backend development, ensuring robust security and REST API best practices.
- Developed the frontend using Angular with a component-based architecture and Bootstrap for styling.
- Integrated Docker for containerized deployment and GitHub Actions for CI/CD pipeline.
- Created detailed API documentation using OpenAPI and Swagger UI.

TV Show Character Finder (Flutter with BLoC)

- Developed a Flutter Application using the BLoC state management pattern to retrieve data about a TV show from an API and display information about its main characters.
- Designed an intuitive and visually appealing user interface for the TV Show Character Finder application.
- Implemented efficient data fetching and state management using BLoC, ensuring a smooth user experience.