Faouzi RJILI
Junior ICT Engineer

(216) 50569494
Tunis, Tunisia
faouzi.rjili@supcom.tn

Portfolio
github.com/fawzeus
linkedin.com/in/faouzi-rjili

Hello, I am Faouzi Rjili, a Software Engineer with degree from the Higher School of Communication of Tunis (SUP'COM), one of Tunisia's leading colleges for high-level scientific training.

I am a junior ICT engineer looking for software engineering positions and am proficient in C++, Python, and algorithms. I love problem-solving and have participated in multiple competitive programming contests, including the Africa and Arab Collegiate Programming Championship (ACPC).

TECHNICAL EXPERIENCE

C/C++ Software Engineer   **September 2024 — Present**
Telnet / Ingenico Partner   *Sfax, Tunisia*
- Analyzed functional specifications and translated requirements into electronic payment solutions .
- Implemented new features to support new cards across payment terminals, including swipe, contact, and contactless transactions.
- Developed, enhanced, and maintained C/C++ applications for embedded payment terminals and monetics solutions in collaboration with Ingenico.
- Worked in a Linux embedded environment, optimizing software performance and stability.
- Used Git and SVN for version control, Jira for task tracking, and worked in a Docker-based development environment.

Freelance Developer   **January 2023 - September 2024**
Upwork   *Remote*
- Analyzed client requirements and converted them into functional, live applications.
- Developed and maintained applications using Python, Java, and C/C++.
- Implemented new features and optimized existing code to improve performance and usability.

Backend Dev / End-of-Studies Project: Containerized web app for web analysis   **May 2023 – September 2023**
Niiwaa   *Tunis, Tunisia*
- Designed the architecture of the MongoDB database, meticulously structuring it to efficiently handle the extensive volume of collected data.
- Architected the project, carefully delineating the master and worker architectures, and selecting optimal technologies.
- Developed the backend of the application using Express.js, ensuring robust performance and reliability in data extraction and processing.
- Implemented the master-slave architecture, orchestrating the connection between workers and the master node using RabbitMQ and Celery.
- Containerized the entire application using Docker, encapsulating each component within its own container for efficient deployment and management.
- Orchestrated the application using Docker Compose, enabling seamless management of the entire web analysis platform.

EDUCATION

ICT engineering, *Higher School Of Communication Of Tunis*   2019 - 2023
Pre-Engineering, *Preparatory Institute for Engineering Studies of Nabeul (rank 11/700 at National Exam)*   2017 - 2019
Baccalaureate degree with Excellent grade (16.59/20), *Benguerden's High School*   2013 - 2017

PROJECTS

Open-cv virtual mouse (Python)   October - 2021
Deep Reinforcement learning snake Game player (Python)   December - 2021
Basic Routing Algorithm (C++)   December 2021
Path finding Visualizer (ReactJs)   November - 2023
Data compressor (C)   february - 2025

SKILLS

Tools and Languages	Python, C/C++, JavaScript,Express.Js, ReactJs, Docker, Git
Quantitative Research	Mathematical optimization, Problem solving
Communication	English(Fluent), French (Fluent), Arabic (Native), German(basics)

ACTIVITIES

Started my own e-commerce business   April 2022 - 2023
Trained high school students for IOI contest   Mars 2022
Problem solving contestant : Honorable mention in ACM Arab Collegiate Programming Contest 2021   Mars 2021
Participated in a rescue workshop with the Red Crescent and received training   August 2019