FIRAS B. — Software Engineer

Contact Information

Bizerte, Tunisia

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Professional Summary

Dedicated Software Engineer specializing in Java (Spring Boot), Python automation/AI, and React/Next.js. Experienced in building scalable applications, including backend systems, frontend interfaces, automation tools, and AI-driven modules. Passionate about clean architecture and delivering real business value.

Key Skills

Backend Development: Java, Spring Boot, Python, REST API Design, JavaFX, MySQL, Docker

Frontend Development: React, Next.js, JavaScript, TypeScript, HTML, CSS, Tailwind CSS

AI & Machine Learning: Machine Learning, Deep Learning, NLP, AI Agent Development, Automation, Data Analysis

Tools & DevOps: Git, GitHub, Docker, Postman, VS Code, IntelliJ IDEA

Soft Skills: Problem Solving, Solution-Oriented, Accountability

Languages: Arabic (Native), English (Conversational), French (Conversational)

Professional Experience

Freelance Software Engineer — Upwork (2022 – Present)

- Developed scalable applications using Java, Python, and React. - Built automation tools and AI-driven systems. - Delivered maintainable code and complete full■stack solutions.

Software Engineer Student — Faculté de Science de Bizerte (2023 – Present)

- Built Spring Boot, Python, and React applications. - Worked on AI modules, ML models, and automation workflows.

Featured Projects

Sarcasm Detection — ML/NLP Project

Machine learning project detecting sarcasm using NLP and deep learning techniques. Technologies: Python, ML, NLP.

Car Rental Platform — Full-Stack Web App

Developed a complete booking platform with authentication and admin features. Technologies: React, JavaScript, REST API.

Urbanova — Custom Apparel E-commerce Platform

Spring Boot + React platform featuring product customization, order management, and payments.

Driving School Management System

Desktop JavaFX system including candidates, payments, scheduling, and analytics dashboard. Technologies: Java, JavaFX, MySQL.

Education

Engineer's Degree (Software Engineering) — Université Tunis Carthage (2024–2026 Expected)

Certifications (DataCamp, 2025)

Statistical Thinking in Python – Part 1 (#43,988,459)

Statistical Thinking in Python – Part 2 (#43,988,764)

Case Studies in Statistical Thinking (#43,989,028)