

# Firas Baklouti

## Software Engineer

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### Summary

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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.

### Work Experience

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#### Freelance Software Engineer

2022 - Present

Upwork

- 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

2023 - Present

Faculté de Science de Bizerte

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

### Education

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#### Engineer's Degree (Software Engineering)

2024 - 2026 Expected

Université Tunis Carthage

### Projects

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#### 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.

## Skills

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## Languages

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Arabic	NATIVE
English	CONVERSATIONAL
French	CONVERSATIONAL

## Certificates

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### **Statistical Thinking in Python – Part 1**

DataCamp

### **Statistical Thinking in Python – Part 2**

DataCamp

### **Case Studies in Statistical Thinking**

DataCamp