

# Firas Baklouti

## Software Engineer

📍 Bizerte, Tunisia    ✉️ [firasbaklouti39@gmail.com](mailto:firasbaklouti39@gmail.com)    🌐 <https://github.com/Firasbaklouti1>    🔗 [LinkedIn](#)

### 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.

### Work Experience

**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 n 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

**Engineer's Degree (Software Engineering)** 2024 - 2026 Expected

Université Tunis Carthage

### 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.

## Skills

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Java

Spring Boot

Python

REST API Design

JavaFX

MySQL

Docker

React

Next.js

JavaScript

TypeScript

HTML

CSS

Tailwind CSS

Machine Learning

Deep Learning

NLP

AI Agent Development

Automation

Data Analysis

Git

GitHub

Postman

VS Code

Intellij IDEA

Problem Solving

Solution-Oriented

Accountability

## 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