

NASR SOUHAIL

Software Engineer | Full-Stack Development | Android & Web

@ souhailnasrpro98@gmail.com
⌚ souhailnasr

📞 +216 53 548 415

📍 La Goulette, Tunisia

👤 souhailnasr



PROFESSIONAL EXPERIENCE

Software Engineering Intern – Intelligent CRM System

Teptac Service & Carthage Créance

📅 Apr 2025 – Sep 2025

📍 Tunis, Tunisia

Developed a full-stack CRM using **Spring Boot (Java)** for backend and **Angular (JavaScript)** for frontend, delivering a tailored solution for client needs.

Designed and implemented **RESTful APIs** to manage customer data, recovery workflows, and document tracking.

Built an **Android mobile app** for field agents to access case files, submit reports, and sync data in real time.

Automated business processes (e.g., contract generation), reducing manual workload by **50%**.

Collaborated with project analysts to translate business requirements into technical solutions.

Provided direct user support during testing phases, resolving issues via remote assistance.

Technologies: **Java, JavaScript, Spring Boot, Angular, Android, REST, MySQL, Docker.**

Backend & DevOps Intern

Goodwill

📅 Jul 2023 – Aug 2023

📍 Tunis, Tunisia

Developed a **CRUD API in C# (ASP.NET 7)** with secure authentication and role-based access.

Wrote and optimized **SQL queries** using SQL Server, improving data retrieval performance by **35%**.

Participated in code reviews and worked in an agile team environment to deliver features on schedule.

Technologies: **C#, ASP.NET, SQL Server, REST, JWT, Git.**

University Management System

Esprit

📅 Feb 2023 – May 2023

📍 Tunis, Tunisia

Built a **full-stack web application** with a Java-based backend (Spring Boot) and a dynamic Angular frontend.

Implemented user roles, secure login, and data management via **REST APIs**.

Technologies: **Java, JavaScript, Spring Boot, Angular, REST, PostgreSQL.**

ACADEMIC PROJECTS

Secure Automated Backup System

IBM Workshop

📅 Feb 2024 – May 2024

📍 Tunis, Tunisia

EDUCATION

National Engineering Degree in Software Engineering

ESPRIT

📅 Sep 2021 – Present 📍 Tunis, Tunisia

Specialization: Software Engineering

Relevant Courses: Algorithms, Web Development, Mobile Computing, Databases, Cybersecurity Basics

Preparatory Engineering Cycle

Faculty of Sciences of Tunis

📅 Sep 2017 – Jul 2021 📍 Tunis, Tunisia

Major: Physics and Chemistry

SKILLS

Programming Languages: **Java, JavaScript, C#, SQL, Bash**

Web & Backend: **Spring Boot, ASP.NET, REST APIs, Microservices, JWT**

Mobile Development: **Android, Mobile Apps, Offline Sync, Field Workflows**

Databases: **PostgreSQL, MySQL, SQL Server, MongoDB**

DevOps & Tools: **Docker, Jenkins, CI/CD, SonarQube, Linux**

Soft Skills: **Team Collaboration, User Support, Problem Solving, Agile Methods, Analytical Thinking**

LANGUAGES

Arabic: Native

French: B2 (Intermediate)

English: B2 (Professional Working Proficiency)

Automated encrypted backups of sensitive data using Bash scripts and cron jobs.

Enforced file permissions and integrity checks, simulating enterprise data security practices.

Technologies: **Bash, encryption, Linux, automation.**

CI/CD Pipeline with Monitoring

Esprit

 Sep 2023 – Nov 2023

 Tunis, Tunisia

Implemented a CI/CD pipeline using Jenkins, Docker, and SonarQube for automated testing and deployment.

Integrated Prometheus and Grafana for system monitoring and alerting.

Technologies: **Jenkins, Docker, SonarQube, Prometheus, Grafana.**

Italian: A1 (Basic) – currently learning

CERTIFICATIONS (IN PROGRESS)

CKA

RHCSA