

Seif BEN ALI

Software Engineer

📞 (+216) 55845694 | 📩 seif.benali@ensi-uma.tn | 🌐 Kebili, Tunisia

LinkedIn: linkedin.com/in/seif-ben-ali | 🚧 Available Immediately

CAREER OBJECTIVE

Motivated and detail-oriented Software Engineer with a strong background in IoT, web development, and distributed systems. Skilled in developing scalable backend solutions, integrating embedded systems, and deploying modern applications using DevOps tools and containerization. Passionate about learning new technologies and contributing to innovative software solutions.

PROFESSIONAL EXPERIENCE

Final Year Project – NOVEL-TI

Sfax, Tunisia / Feb – Jun 2025

Development of AgriTrace: Blockchain-based food traceability solution

- Hyperledger Fabric architecture with Go smart contracts
- IPFS integration for distributed storage and REST API backend
- React/TypeScript interface with multi-role management and real-time notifications
- Containerization with Docker and automated deployment

Technologies: Hyperledger Fabric, IPFS, Go, React/TypeScript, Docker, SQLite

Development Internship – Get Wireless

Tunis, Tunisia / Jun – Jul 2024

Development of a smart home management application with real-time IoT integration.

- Designed modular services and responsive UI for user-friendly control.
- Integrated Firebase and RESTful APIs for device communication.

Technologies: Flutter, Dart, Firebase, Arduino, REST APIs

Web Development Internship – AURES

Kebili, Tunisia / Jul – Aug 2023

Full-stack development of an e-commerce platform with management dashboard.

- Designed REST APIs and SQL-based data models for efficiency and maintainability.
- Implemented authentication, order tracking, and responsive UI.

Technologies: Node.js, Express.js, React, PostgreSQL

EDUCATION

Engineering Degree in Computer Science – ENSI

2022 – 2025

Specialization: Embedded Systems and Connected Networks (IoT)

Graduation Project: Full-stack traceability system with cloud deployment.

TECHNICAL SKILLS

Backend Development: ASP.NET Core, Node.js, Express.js, REST APIs, MVC

Frontend: JavaScript, TypeScript, React.js, HTML5/CSS3

Database: SQL Server, PostgreSQL, MySQL, SQLite

Cloud DevOps: Microsoft Azure(AZ-900), Docker, Gitlab CI/CD, Git/GitHub

Other: Flutter, Dart, IoT Systems, Hyperledger Fabric, Linux, Agile/Scrum

LANGUAGES AND SOFT SKILLS

Languages: Arabic (Native), French (Fluent), English (Professional)

Soft Skills: Teamwork, Ownership, Curiosity, Problem Solving, Adaptability

INTERESTS

- Video game development
- Technical content creation (video editing)
- Football and team sports