

# Seif BEN ALI

## Software Engineer

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in [linkedin.com/in/seif-ben-ali](https://www.linkedin.com/in/seif-ben-ali) | 📅 Available Immediately

### CAREER OBJECTIVE

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Motivated 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

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#### 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

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#### 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

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**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

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

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

### INTERESTS

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