Mohamed Hassen Benadel
Software Engineer

Email: mohamedhassenbenadel@gmail.com **Tel:** +216 25 361 247 **Adresse:** Tunis , Tunisia
Linkedin: linkedin.com/in/hassenbenadel/ **Portfolio:** https://hassenbenadel.vercel.app/

EDUCATION

ESPRIT: Private Higher School of Engineering and Technology Tunis, Tunisia
Engineering Degree in Computer Science Sep 2021 – Oct 2024

ISTIC: The Higher Institute of Information Technologies and Communication Tunis, Tunisia
Bachelor Degree in Computer Science Sep 2018 – Jun 2021

PROFESSIONAL EXPERIENCE

READYTO TEK Tunis, Tunisia
Full-Stack Developer Apr 2025 - Nov 2025
- Designing and developing backend services following a microservices architecture using Spring Boot.
- Developing and maintaining RESTful APIs with a focus on clean architecture and performance.
- Implementing authentication and authorization using Spring Security and JWT to secure endpoints and manage access.
- Integrating external payment services to enable secure online transactions and automated billing processes.
- Creating and deploying Azure Function Apps to create scalable backend services in production.
- Developing frontend interfaces using React, ensuring efficient communication with APIs.

Technologies: Java, Spring Boot, Spring Security, MongoDB, Docker, Microsoft Azure, React, Jira

Italian Dream Tunis, Tunisia
Full-Stack Developer (Freelance) Sep 2024 - Nov 2024
- Built a website for an agency, improving user interaction and promoting the agency's services effectively.
- Created a client portal for document and payment tracking, enhancing operational efficiency for users.

Technologies: Java, Spring Boot, Spring Security, Angular, PostgreSQL

Telnet Holding Tunis, Tunisia
Software Engineer Intern Feb 2024 - Aug 2024
- Developed a real-time web app for system visualization and remote control, improving system management.
- Improved disease detection with live streaming from an embedded camera for real-time crop management insights.
- Built an embedded system to provide 24/7 real-time data, enhancing accuracy and plant care efficiency.
- Improved firmware updates using OTA technology, reducing downtime by 60% for efficient remote operations.

Technologies: Java, Spring Boot, Spring Security, Flask, Python, Angular, Node-RED, MQTT, ESP8266, Raspberry Pi

Badiaa Tunis, Tunisia
Software Developer Intern Jul 2023 - Sep 2023
- Created an order placement feature, simplifying purchasing and improving user experience.
- Built a desktop application for inventory management, improving stock tracking and simplifying operations.

Technologies: Java, Spring Boot, Android, C#, WinForms, PostgreSQL

PERSONAL PROJECTS

Water Quality Control System December 2022- April 2023
- Developed an embedded system for testing water quality to improve monitoring accuracy and prevent contamination.
- Developed an Android application for real-time data visualization, offering immediate tracking of essential parameters.

SKILLS

Programming languages: Java, Python, C, C#, HTML, CSS, JavaScript, Typescript, PHP, SQL , Pl/SQL
Frameworks: Angular, React, Spring Boot, Bootstrap, JavaFx
Tools: Microsoft Azure, Kafka, Selenium
DevOps & CI/CD: Docker, Git, Jenkins, SonarQube, Maven
Database Management: PostgreSQL, MySQL, Oracle, MongoDB
Software: Cursor, Visual Studio, Intellij, Postman, JMeter

LANGUAGES

Arabic: Native **French:** Upper intermediate **English:** Upper intermediate **Italian:** Beginner**(A2)**