

Mohamed Hassen Benadel

Software Engineer

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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

Italian Dream Tunis, Tunisia
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: Spring Boot, Spring Security, Angular

Telnet Holding Tunis, Tunisia
End of studies Internship: Control Hub for Smart Agriculture 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: Angular, Spring Boot, Spring Security, Flask, Python, Node-RED, MQTT

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

Sagemcom Tunis, Tunisia
Fullstack developer intern Feb 2021 – Jun 2021

- Developed a shipment management web application, integrating SAP ME with SOAP microservices to enhance logistics processes and data synchronization.
- Integrated user authentication with Active Directory, enhancing security and simplifying access management.

Technologies: Symfony, SOAP, Active Directory, HTML, CSS, Bootstrap, JavaScript, MySQL

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 app for real-time data visualization, offering immediate tracking of 6 essential parameters.

Technologies: Android, Spring Boot, Node.js, MQTT

SKILLS

Programming languages: Java, C#, Python, HTML, CSS, JavaScript, Typescript, SQL

Frameworks: Angular, Spring Boot, Bootstrap, .NET , JavaFx

Tools: Kafka, Docker, Maven, Gradle, Git, Jenkins

Testing: SonarQube, Junit

Database Management: PostgreSQL, MySQL, Oracle

Software: Visual Studio, IntelliJ, Eclipse, NetBeans, Android Studio, Postman

LANGUAGES

Arabic: Native

French: Intermediate(B2)

English: Intermediate(B2)

Italian: Beginner(A1)