



Alaeddine Hammouda

Full Stack Developer



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Ariana , Tunis



Linkedin



Full Stack Developer with hands-on experience in web and embedded systems. Strong in Java, Spring Boot, Angular, and DevOps tools. Passionate about building scalable and secure solutions in Agile environments.

FORMATION ACADÉMIQUE

09/2021 – 12/2024

Computer Engineering, Esprit

Ariana, Tunisie

09/2018 – 06/2021


Bachelor's Degree in Electronics, Electrotechnics, and Automation, Fsm

Monastir, Tunisie

EXPÉRIENCE PROFESSIONNELLE

01/2024 – Present

Freelancer

- Worked on several freelance projects across various domains, showcasing versatility and expertise in Full Stack Development.
- Projet de gestion de logements – Real Estate Management 
- Projet interne – Gestion des processus métier
- Technologies : Java ,Node.js, Angular, React , React Native , MongoDB , Postgresql , CI/CD

03/2024 – 10/2024

Full Stack Java/Angular Developer (PFE), Uptech

Ariana, Tunisie

- Developed a smart stock management system integrating RFID and AI to track product positions.
- Adopted polyrepo architecture with GitLab CI/CD for automation.
- Enhanced quality using SonarQube and observability via ELK stack.
- **Technologies:** Spring Boot (microservices), Angular, Keycloak, RabbitMQ, MinIO, PostgreSQL, Docker, ELK.

06/2023 – 08/2023

Java/Angular Intern, Digi Smart Solutions

Ariana, Tunisie

- Created a real-time dashboard for over 100 IoT sensors.
- Backend handled 10,000+ daily entries with 99.9% uptime.
- **Technologies:** Spring Boot, Spring Security, Angular, MongoDB, Bootstrap.

07/2022 – 08/2022

Python Intern, Tunisie Telecom

Mahdia, Tunisie

- Analyzed 2G/3G/4G mobile networks through field measurements and data visualization using Nemo Outdoor and Python.
- **Technologies:** Python, Nemo Outdoor.

PROJETS

2023	DevOps Project, Esprit <ul style="list-style-type: none">• Implemented CI/CD with Jenkins, Docker, Nexus, SonarQube.• Monitoring: Prometheus & Grafana.• Testing: Mockito, JaCoCo.
07/2023 – 11/2023	Modeling & Automation of a Complete Workflow System <ul style="list-style-type: none">• Designed a BPMN-based workflow engine for linear and complex processes. GitHub .• Technologies: Java EE, Spring, Angular, JBPM, Git
2023	Integrated Development Project, Esprit <ul style="list-style-type: none">• Studied, designed, and developed a full-stack website for managing various campingservices. • Developed backend Web Services and front-end interfaces.• Technologies: Java, Spring Boot, Angular, GitHub, MySQL
2022	Integrated Development Project, Esprit <ul style="list-style-type: none">• Studied, designed, and developed a web application and a desktop application foreducational services.• Technologies: PHP, Symfony5, Java, JavaFX, MySQL, Bootstrap
2021	Final Year Project (PFA), FSM <ul style="list-style-type: none">• Implemented lane detection, fatigue detection on Pynq Z1 and Jetson Xavier NX.• Tech: Python, OpenCV, TensorFlow, Scikit-learn, Keras.

COMPÉTENCES

Programming Languages :

Java 11/17, JavaScript, TypeScript, Python, PHP

Database Management Systems :

MySQL , PostgreSQL , MongoDB , Redis

Tools :

Docker ,Jira , GitLab CI , Maven , NPM , Jenkins ,
Postman , Grafana ,SonarQube , Nexus , ELK , Git

Dev Tools :

Visual Studio Code, IntelliJ, WebStorm, Eclipse ...

Work Methodology :

Agile-scrum

Java Technologies :

Spring Boot, Spring Security, Spring Data JPA,
Hibernate, Java EE, JavaFX, REST APIs, Maven

Frontend:

Angular, React, Bootstrap , JQuery , HTML5 ,
CSS3 , SASS

Architecture :

Microservices , Monolithique

OS :

Linux (CentOS , Ubuntu) , Windows

LANGUES

Français

B2

Anglais

B2

Arabic

Native