

Alaeddine Hammouda

Full Stack Developer

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📍 Ariana , Tunis

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🔗 <https://portfolio-aladdinne.vercel.app/>

Education

2021/09 – 2024/07

Computer Engineering

Ariana, Tunisie

Esprit

2018/09 – 2021/06

Bachelor's Degree in Electronics, Electrotechnics, and Automation

Monastir, Tunisie

Fsm

Professional Experience

2024/03 – present

Full Stack Java/Angular Developer

Ariana, Tunisie

Uptech

- Designed and developed a web application for stock , leveraging RFID data and an AI model for detecting and tracking product positions across various zones.
- Managed the codebase using polyrepo with GitLab CI/CD for deployment pipelines, integrated SonarQube for code quality analysis, and used the ELK stack for monitoring.
- Worked in an agile environment, implementing best practices for security, scalability, and AI integration.
- **Technologies:** Spring Boot (microservices), Angular, Keycloak for user management, MinIO for storage, RabbitMQ for asynchronous communication, Zipkin for distributed tracing , PostgreSQL, Docker, Kubernetes, GitLab, SonarQube, Jira, ELK.

2024/01 – present

Freelancer

- Worked on several freelance projects across various domains, showcasing versatility and expertise in Full Stack Development.
- Gestion des logements et des réservations "<https://ims.intedgroup.com/> ☑ "
- Technologies : Java ,Node.js, Angular, React , MongoDB , Postgresql , CI/CD

2023/06 – 2023/08

Java/Angular Intern

Ariana, Tunisie

Digi Smart Solutions

- Studied, designed, programmed, and implemented a web application to manage the company's daily activities.
- **Technologies:** Spring Boot, Spring Security, Spring Session, Angular, MongoDB, Git, Bootstrap.

2022/07 – 2022/08

Python Intern

Mahdia, Tunisie

Tunisie Telecom

- Overview of mobile network generations. Measured and analyzed network quality.
- **Technologies:** Python, Nemo Outdoor.

Projects

2023

DevOps Project


Esprit

- Spring Boot project management with Maven, continuous integration and automation with Jenkins Pipeline.
- Backend testing with Mockito, code quality with SonarQube and JaCoCo.
- Artifact hosting with Nexus, containerization with Docker and Docker Compose.
- Data monitoring with Prometheus and Grafana.

- **Technologies:** Maven, Jenkins, Mockito, SonarQube, JaCoCo, Nexus, Docker, Docker Compose, Prometheus, Grafana.

2023/07 – 2023/11

Modeling & Automation of a Complete Workflow System

- Developed a Workflow Process Management module (linear and complex processes).
- **Technologies:** Java EE, Spring, Angular, JBPM, Git.
- <https://github.com/Aladdinne/workflow.git> 

2023

Integrated Development Project

Esprit

- Studied, designed, and developed a full-stack website for managing various camping services.
- Developed backend Web Services and front-end interfaces.
- **Technologies:** Java, Spring Boot, Angular, GitHub, MySQL.

2022

Integrated Development Project

Esprit

- Studied, designed, and developed a web application and a desktop application for educational services.
- **Technologies:** PHP, Symfony5, Java, JavaFX, MySQL, Bootstrap.

2021

Final Year Project (PFA)

FSM

- Studied, designed, and developed systems for lane detection, car detection, and fatigue detection, implemented on Pynq Z1 and Jetson Xavier NX embedded processors.
- **Technologies:** Python, OpenCV, TensorFlow, Scikit-Learn, Keras.

Skills

Programming Languages :

Java , JavaScript , TypeScript

Frontend:

Bootstrap , JQuery , HTML5 , CSS3 , SASS

Tools :

Docker , Kubernetes , Jira , GitLab CI , Maven , NPM , Jenkins , Postman , Grafana SonarQube , Nexus , Kibana , Azure devops

Dev Tools :

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

Collaborative Work Platform :

Jira , Git

Frameworks :

Spring Boot , Spring Security , Spring MVC , Spring batch , Spring Cloud, Hibernate JPA , React , Angular

Database Management Systems :

MySQL , PostgreSQL , MongoDB , Redis

Architecture :

Microservices , Monolithique

OS :

Linux (CentOS , Ubuntu) , Windows

Work Methodology :

Agile-scrum

Languages

Français

B2

Anglais

B2

Arabic

Native

Interests

• Sports

• Movies

• Video Game