

Alaeddine Hammouda

Full Stack Developer

✉ alaeddine.hammouda213@gmail.com

☎ +21622623703

📍 Ariana , Tunis

🌐 linkedin.com/in/alaeddine-hammouda-93927415b

🔗 <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

- Created and implemented a real-time dashboard to visualize data from 100+ live sensor inputs, improving decision-making speed by 30%.
- Architected a robust backend with Spring Boot and MongoDB, handling 10,000+ data entries per day and ensuring 99.9% uptime.
- Built an intuitive frontend with Angular, enabling real-time data display with 1-second latency, enhancing user interaction.
- **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 <i>Esprit</i> <ul style="list-style-type: none">• 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 <ul style="list-style-type: none">• 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 <i>Esprit</i> <ul style="list-style-type: none">• 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 <i>Esprit</i> <ul style="list-style-type: none">• 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) <i>FSM</i> <ul style="list-style-type: none">• 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