Alaeddine Hammouda

Full Stack Developer

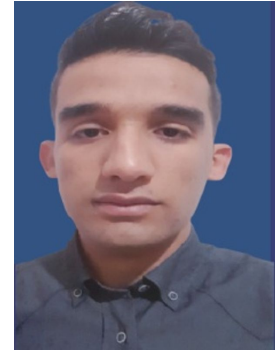✉ alaeddine.hammouda213@gmail.com   ☎ +21622623703

📍 Ariana , Tunis   in linkedin.com/in/alaeddine-
                                                           hammouda-93927415b
○ github.com/Aladdinne

Education

2021/09 – 2024/07 Ariana, Tunisie	**Computer Engineering** *Esprit*
2018/09 – 2021/06 Monastir, Tunisie	**Bachelor's Degree in Electronics, Electrotechnics, and Automation** *Fsm*

Professional Experience

2024/03 – 2024/09
Ariana, Tunisie

Full Stack Java/Angular Developer (PFE)
Uptech
- Designed and developed a web application for stock and order management, 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 – 2024/02

Freelancer
IntEdGroup
- Gestion des logements et des réservations
- https://ims.intedgroup.com/ ↗
- Technologies : Node.js, Angular, MongoDB

2023/06 – 2023/08
Ariana, Tunisie

Java/Angular Intern
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
Mahdia, Tunisie

Python Intern
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   **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.

2022/07 – 2022/10   **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 ⍈

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 , Flutter

Database Management Systems :
MySQL , PostgreSQL , MongoDB , Redis

Architecture :
Microservices , Monolithique

OS :
Linux (CentOS , Ubuntu) , Windows

Work Methodology :
Agile-scrum

Languages

Français	**Anglais**	**Arabic**
intermédiate	intermédiate	Native