

Amjed Allaya

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Street Jamal dine afghani, Mahdia 5111, Tunisia

Web Developer

- Good knowledge of making project from conception to final product.
- Good knowledge of **microservices architecture**.
- Good knowledge of the **Linux** operating system.
- Good communication skills with both **English** and **French**.
- Good knowledge of problem solving.
- Make sure to write a good quality code by implementing automated tests and best practices.
- Believe that security always comes first.
- Learn something new every day and try to make impact.
- Good organizational skills, self-motivated and self-directed.

PROFESSIONAL EXPERIENCE

Full Stack Developer

Apr 2022– Present

Sofrecom – Lake1, Tunisia.

- Multitasking, working on two projects at the same time. Learn time management and improve accountability.
- Participation in the various **SCRUM** ceremonies (Daily meeting, sprint planning, sprint review and retrospective).

Project 1: Microservice Application

- Manage and monitor **development** and **production** Kubernetes clusters.
- Improve the **GitlabCI's CI/CD** chain.
- Change **Kubernetes** configurations.
- Add functionalities at the backend level using **Spring Framework**.
- Modify the gateway code written with the **Java** framework named **Quarkus** and unit tests using **Junit**.
- Improve the client-side interface with the **Angular** framework.
- Add new functionality to the back-office interface and implement unit testing **Jasmine** and **Karma**.

Project 2: Web service

- Add functionalities at the backend level using **Kotlin**.
- Manage **SOAP** call and **XML** files.
- Manage **REST API**.
- Manage **Amazon Simple Storage Service (S3)**.

Technical environment: Angular7, Quarkus(gateway), Kubernetes, GitlabCI, Git, Hibernate, kotlin(backend), spring Framework(backend), junit, Jasmine and karma, SOAP, RESTFUL.

Advyteam - Lake1, Tunisia

- Participate in the architecture and design of websites in collaboration with designers and clients.
 - Improved the performance of the Notification module via **NGRX**.
 - Modeling and development of a geocoding map using **OpenStreetMap**.
 - Modeling and development of different features of social media using APIs such as **facebook/instagram/twitter**.
 - Modeling and development of an e-learning widget for the e-learning module using the **Talentlms API**.
 - Design and development of a messaging system using the **Twilio API**.
 - Manage conflicts via **GIT** and deal with bugs arising during the validation phase.
 - Participation in the various **SCRUM** ceremonies (Daily meeting, sprint planning, sprint review and retrospective).
 - Continuous integration and deployment with **Jenkins** pipelines.
 - Orchestration and replication of **Docker** containers (**Keycloak**, **Minio**, **Hazelcast**, **PostgreSQL**) with **Kubernetes** (with **Helm**).
- Technical environment:** Angular9, Quarkus, Java 8, Junit, jassmine and karma, Kubernetes, Hazelcast, Jenkins, Docker, Git, Keycloak, Minio, Flyway, Hibernate, Multi- Tenant, Microservices, PostgreSQL, Helm, Charts, Maven, Nginx

End of studies internship**Feb 2020 - Jul 2020**

DormalCorp - Sousse, Tunisia

Design and develop an online learning platform (administrator part and user part) allows to manage the courses which are in video and text (html) form, manage the trainers by consulting the CV of each trainer and manage the learners.

Technical environment: Node.js, Express, Sequelize, MySQL, Angular7, Bootstrap, SASS, Postman, StarUML.

EDUCATION

Applied Engineering in computer systems development. 2021-Present

The Private Graduate School of Engineering and Technology (ESPRIT)-Tunis-Tunisia

Applied Baccalaureate in Computer Systems Development 2017-2020

Higher Institute of Technological Studies - Kairouan – Tunisia

Skills

Development: Angular2+/ Quarkus/ Spring boot/ Kotlin/ Node.js**DEVOPS:** GIT/ GitLab CI/ Jenkins/ Kubernetes/ Helm/ Jira/ Docker/ NGINX**Web Services:** RESTFull/SOAP**Databases:** MySQL/Postgresql/MongoDB**Programming language:** Java/ JavaScript**Environment:** Linux (Ubuntu/Linux Mint), Windows**Project management:** SCRUM

Events and hackathons

Beijing Normal University - 48h International Hackathon

Design and creation of an e-learning platform prototype by implementing concepts (Design Thinking / Design Learning / Gamification) and a recommendation system.

Technical environment: Node.js, Express, Sequelize, MySQL, Angular7, Bootstrap, SASS, python, numpy, pandas, keras.

Tunisian American Enterprise Fund - 24h Hackathon

Leader of the group, we won first place by designing an application to solve government administration problems in Tunisia using artificial intelligence algorithms (CNN).

Technical environment: Node.js, Express, Sequelize, MySQL, Flutter, python, numpy, pandas, keras.

TECHFEST - 24h Hackathon

Creation of an intelligent electoral application using facial recognition algorithms, fingerprint recognition algorithm, barcode reader algorithm.

Technical environment: Node.js, Express, Mongoss, MongoDB, Kotlin, python, numpy, pandas, keras.

LANGUAGES

French, English, Arabic