












# Ilyes Zouaoui

## Lead Software Engineer

 [linkedin.com/in/ilyes-zouaoui](https://www.linkedin.com/in/ilyes-zouaoui)  
 [github.com/ilyes12zouaoui](https://github.com/ilyes12zouaoui)  
 [credly.com/users/ilyes-zouaoui](https://credly.com/users/ilyes-zouaoui)

 Nazarethkirchstraße 51, 13347 Berlin  
 Tunisian (EU Blue Card 04.2022 - 01.2025)  
 [ilyes12zouaoui.gitlab.io/portfolio](https://ilyes12zouaoui.gitlab.io/portfolio)

 [ilyes95zouaoui@gmail.com](mailto:ilyes95zouaoui@gmail.com)  
 +49 (0)174 2564 878  
 23.12.1995

## Work Experience

### Software Engineer

*CAPGEMINI | Jan 2022 - Today | Berlin, Germany*

Took part in a SCRUM team responsible for providing financial services to a famous car manufacturer. The project handles the electronic signature of contracts between car dealers and clients. The existing microservice solutions had critical technical debt, slow, unstable behavior and unsatisfied clients. Led the analysis, refactoring and fixing of complex logical and performance issues while we kept responding to new requirements quickly. Which result in improving the scalability and performance of our system. As well as gaining the trust and satisfaction of our clients.

TECH: Java, Spring boot, Node.js, Express, TypeScript, Javascript, Docker, AWS, Datadog.

### Software Engineer

*MAIBORNWOLFF SARL | Aug 2020 - Dec 2021 | Lac 2, Tunisia*

Took part in an international team from Europe and Africa to migrate an application for luxury car owners. Which enables them to access fancy world offers and connect with each other. We migrated from a legacy Drupal system to a new microservice solution with enhancements and usage of event driven design. Led the creation of a reverse proxy microservice responsible for synchronizing our system with salesforce vendor using CometD message broker. Then took part in a second project. Which is a legacy microservice solutions for automotive supply chain management. We maintained, refactored and added new features to it. Led junior colleagues during the project. Also was on call to provide support and resolved client incidents urgently. Aside from that I actively participated in recruiting by presenting the company to potential candidates. And helped in successfully recruiting four new colleagues.

TECH: Spring boot, Quarkus, Docker, Java, Kubernetes, SQL, MQTT Broker, Gitlab CI/CD.

## Skills

SCRUM, Spring Boot, Spring Security, Java, SQL, Docker, Gitlab CI/CD, Git, AWS, Event Driven Design, Kubernetes, Microservice, CSS, Design Patterns, Javascript, Typescript, Node.js, Express, Angular, React.js, REST API, OpenAPI.

## Projects

### Social Media Platform For Luxury Car Owners

Social media platform which enables owners of a luxury car brand to connect with each other and access luxurious world offers such as fancy restaurants and accessories. The mission is to migrate the functionalities offered by a legacy Drupal system, to a new microservice based one with optimization using event driven design within an international SCRUM team from Germany and Tunisia. Also Led the development of a microservice responsible for salesforce vendor event driven communication. TECH: Spring boot, Java, MQTT broker, Docker, Kubernetes, PostgreSQL, Gitlab CI/CD, Flyway, Event Driven Design, Salesforce. CometD.

### Car Supply Chain Management Solution

The aim of the solution is to manage all the parts involved in car manufactory supply chain. Such as requesting car parts from suppliers, stocking and using them by car manufactories. The mission is to maintain, refactor and add features to a legacy microservice solution. Also was on call to support and handle clients incidents. And guided junior colleagues in an international team from Europe and Africa. TECH: Java, Quarkus, Git, Jenkins, Openshift, Docker, Microservice, SQL, PostgreSQL, Jfrog.

### Spring security jwt and basic auth with docker

 [ilyes12zouaoui/spring-security-jwt-authentication-with-docker](https://github.com/ilyes12zouaoui/spring-security-jwt-authentication-with-docker)

To improve my skills in spring security. And how to set up Jwt and Basic authentication. I passionately created this project where you can register users and login with Jwt or basic auth. TECH: Spring boot, Spring security, Docker.

## Software Engineer Trainee

[MAIBORNWOLFF SARL](#) | Feb 2020 - Jul 2020 | Lac 2, Tunisia

Migrating a part of a monolithic JEE/JSF application to a microservice based solution with continuous deployment to Azure Kubernetes Service. And documentation of migration steps as a proof of concept.  
**TECH:** Java, JEE, JSF, Spring boot, Gitlab CI, Docker, Kubernetes, React.js, CSS, TypeScript.

## Software Engineer Trainee

[ESPRIT MINOS GROUP](#) | Jun 2019 - Oct 2019 | Ghazala, Tunisia

Collaborate with a doctor to define the business requirements for a forum web application about Alzheimer disease. Design and develop it from scratch.

**TECH:** React.js, Exp, Next.js, GraphQL.

## Part-time web lecturer

[GOMYCODE](#) | Feb 2019 - Jul 2019 | Lac 1, Tunisia

Teaching a group of 8 students from different ages (14-37 years) web development. Realization of more than 15 workshops and 6 new training web projects. I had a very positive feed back from my students so I proposed these projects to GOMYCODE as new training projects.

**TECH:** HTML, CSS, Javascript, React.js

## Software Engineer Trainee

[VERTEL](#) | May 2017 - Aug 2017 | Marsa, Tunisia

Collaborate with the CEO of Vertel start-up to define the business requirements for a marketplace web application and develop it.

**TECH:** php, Laravel 5, HTML, CSS.

## Education

### Bachelor Of Engineering

[ESPRIT](#) | 2016 - Aug 2020 | Ghazala, Tunisia

TWIN specialty (technology web and internet).

### Preparatory Cycle For Engineering Studies

[IPEIEM](#) | 2014 - 2016 | El Manar, Tunisia

Rank 250 in the National Entry contest for the engineering studies cycles (PT Section).

## Languages

English (B2 ESPRIT Language Center)

French (B2 ESPRIT Language Center)

Arabic (Native)

German (Beginner)

## Financial Services For Car Manufacturer

The mission is to enable electronic contract signature between car dealers and buyers. By integrating third party vendors like Scrive, Onfido and Scrive-Eid third. And offering a stable API for our multiple consumers to use within the car manufacturer platform. Led the refactoring of critical technical debt issues while responding to new requirements quickly.

**TECH:** Node.js, Express.js, NestJS, Typescript, Javascript, npm, git, DynamoDB, AWS, Docker, Java, Spring boot, Scrive, Onfido, Scrive-eid.

## Car Manufacturer Workforce Planner

The application calculates the utilization of logistics by employees in the car assembly hall for planning and optimizing the logistic process. The mission was to migrate part of the monolithic application to a microservice based one with continuous deployment to Azure Kubernetes Service. And documentation of the migration steps as a proof of concept.

**TECH:** Java, JEE, JSF, Spring boot, Gitlab CI, Docker, Kubernetes, DB2, React.js, SQL.

## Extracurriculars

### Webmaster Of IEEE ESPRIT Club

[ESPRIT](#) | 2018 - 2019 | Ghazala, Tunisia

[ieee-esprit-back.herokuapp.com](#)

Participated and helped in club activities like hackathons, team building and trips. Also we developed our IEEE ESPRIT website.

## Certifications

Professional Scrum Product Owner™ II (PSPO II)

[Scrum.org](#) | Nov 2022 | [Credly badge verification](#)

Professional Scrum Developer™ I (PSD I)

[Scrum.org](#) | Nov 2022 | [Credly badge verification](#)

Professional Scrum Product Owner™ I (PSPO I)

[Scrum.org](#) | Nov 2022 | [Credly badge verification](#)

Professional Scrum Master™ II (PSM II)

[Scrum.org](#) | Oct 2022 | [Credly badge verification](#)

AWS Certified Cloud Practitioner

[AWS](#) | Oct 2022 | [Credly badge verification](#)

Professional Scrum Master™ I (PSM I)

[Scrum.org](#) | Nov 2021 | [Credly badge verification](#)

Certified Kubernetes Application Developer

[Linux Foundation](#) | Oct 2021 - Oct 2024 | [Credly badge verification](#)

VMware Spring Professional 2021

[VMware](#) | Sep 2021 | [Credly badge verification](#)