



Ilyes Zouaoui

Software Engineer

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Date of Birth: 23/12/1995

Visa: Germany Permanent Residence
(Niederlassungserlaubnis)

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Github: github.com/ilyes12zouaoui

Address: Berlin, Germany

Nationality: Tunisian

WORK EXPERIENCE

Software Engineer

CompuGroup Medical SE & Co. KGaA | cgm.com

Berlin, Germany

09/2023 - Present

Participating in the development of microservice applications in the medical field using SCRUM.

- Lead the code migration from a legacy internal framework to the Spring Boot framework.
- Coached junior colleagues by conducting KT sessions and reviewing code implementations.
- Designed the technical architecture for integrating a third-party vendor and collaborated extensively with the product owner to define its implementation steps.

Tech: Java, Spring Boot, Quarkus, Docker, Kubernetes, Hibernate, MongoDB, PostgreSQL.

Software Engineer

Capgemini | capgemini.com

Berlin, Germany

01/2022 - 08/2023

Worked on two consulting projects. In the first project:

- Participated in the development of microservice applications for electronic contract signatures between car dealers and customers.
- Integrated multiple third-party vendors into the project, such as Scrive, Salesforce, and Onfido.
- Enhanced the system's response time significantly by proposing code refactoring optimizations.
- Collaborated with the product owner proxy on urgent bug investigation and resolution.

In the second project:

- Participated in the development of a car assembly line management application using Java.
- Assisted with the agile transformation of our international Scrum team from Germany and India.
- Participated in the migration of legacy CORBA APIs to RESTful APIs using Java.

Tech: Java, Spring Boot, NestJs, Node.js, TypeScript, Docker, Terraform, Kubernetes, AWS, SQL.

Software Engineer

MaibornWolff | maibornwolff.de

Tunis, Tunisia

02/2020 - 12/2021

Worked on three consulting projects. In the first project,

- Participated in the migration of a social media application for luxurious car owners from PHP Drupal system to a new microservice solution with event-driven design.
- Created a CI/CD pipeline optimization solution and presented it to our team's architect.
- Presented the company to candidates and assisted in the recruitment of 3 new colleagues.

In the second project,

- Participated in the maintenance of legacy microservice applications for automotive supply chain.
- Remained on call to urgently support client incidents and fix code bugs.
- Was responsible for the onboarding of new colleagues to the project.

In the third project:

- Participated in the migration of a part of a monolithic application that calculates the usage of car manufacturer equipment to a microservice solution with deployment to the cloud.

Tech: Java, Spring Boot, Docker, Kubernetes, TypeScript, MySQL, React.js, Angular, Gitlab CI, Mqtt Event Broker, PostgreSQL, Quarkus, AWS.

Part-Time Web Lecturer Trainee

Gomycode | gomycode.com

Tunis, Tunisia

07/2019 - 01/2020

While studying at university. Taught a group of 8 students web development technologies.

- Conducted more than 15 workshops and proposed 6 new learning projects to Gomycode.

Tech: HTML, CSS, Node.js, Javascript, Typescript and React.js.

CERTIFICATES

VMware Spring Professional 2021

VMware | credly.com/users/ilyes-zouaoui/badges

11/2021 - Present

Professional Scrum Product Owner™ II (PSPO II)

Scrum.org | credly.com/users/ilyes-zouaoui/badges

11/2022 - Present

Professional Scrum Master™ II (PSM II)

Scrum.org | credly.com/users/ilyes-zouaoui/badges

10/2022 - Present

AWS Certified Cloud Practitioner

AWS | credly.com/users/ilyes-zouaoui/badges

11/2022 - 11/2025

HashiCorp Certified: Terraform Associate (002)

HashiCorp | credly.com/users/ilyes-zouaoui/badges

01/2023 - 01/2025

Certified Kubernetes Application Developer (CKAD)

Linux Foundation | credly.com/users/ilyes-zouaoui/badges

10/2021 - 10/2024

EDUCATION

Master's Degrees in Software Engineering

The Private Higher School of Engineering and Technology | [ESPRIT](https://esprit.tn)

Tunis, Tunisia

07/2016 - 08/2020

Studied software architecture, front end development, back end development and cloud.

Preparatory Cycle for Engineering Studies

El Manar Preparatory Engineering Institute | [IPEIEM](https://ipeiem.tn)

Tunis, Tunisia

07/2014 - 04/2016

Studied math, physics, mechanics, electronics and information technology.

LANGUAGES

- **Arabic** - Native
- **English** - Proficient
- **French** - Intermediate
- **German** - Beginner

SKILLS

- | | | |
|---------------|----------------|-----------------------|
| • Scrum | • Microservice | • AWS |
| • Java | • JavaScript | • Docker |
| • Spring Boot | • TypeScript | • Kubernetes |
| • Quarkus | • Node.js | • Terraform |
| • REST API | • React.js | • CI/CD pipeline |
| • PostgreSQL | • Angular | • Event Driven Design |
| • Hibernate | • MongoDB | • Git |