



Ilyes Zouaoui

Mid-Senior Software Engineer

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Date of Birth: 23/12/1995

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Nationality: Tunisian

Visa: EU Blue Card

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Credly: credly.com/users/ilyes-zouaoui

WORK EXPERIENCE

Mid-Level Software Engineer

Berlin, Germany

CompuGroup Medical SE & Co. KGaA | cgm.com

09/2023 - Present

Participating in the development of microservice applications in the medical field using Java, Spring Boot, Quarkus, Docker, Kubernetes, Hibernate, MongoDB, PostgreSQL, Event Broker and Scrum.

- Designed the technical architecture for integrating a third-party vendor into the system and collaborated extensively with the product owner to define its implementation steps.
- Coached junior colleagues by conducting KT sessions and reviewing code implementations.
- Improved the test's code quality by introducing the usage of JUnit parameterized test.

Mid-Level Software Engineer

Berlin, Germany

Capgemini | capgemini.com

01/2022 - 08/2023

Worked on two consulting projects. In the first project, participated in the development of microservice applications that handle the electronic signature of contracts between car dealers and customers using Java, Spring Boot, NestJs, Node.js, TypeScript, JavaScript, Docker, Terraform, Git, Kubernetes, and AWS.

- 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.

Software Engineer

Tunis, Tunisia

MaibornWolff | maibornwolff.de

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 microservice solutions using Java, Spring Boot, Event broker, PostgreSQL, Docker, Kubernetes, Gitlab CI and Angular.

- 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 Development and maintenance of legacy microservice applications for automotive supply chain management using Quarkus, Java, Docker, Angular, Javascript, Typescript, Jenkins, Kubernetes and PostgreSQL.

- Remained on call to urgently support client incidents and fix code bugs.
- Was responsible for the onboarding of two 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 using Java, Spring Boot, Docker, Kubernetes, TypeScript, MySQL, React.js, Gitlab CI and AWS.

- Documented the migration steps as a proof of concept.

Part-Time Web Lecturer Trainee

Gomycode | gomycode.com

Tunis, Tunisia

07/2019 - 01/2020

While studying at university. Taught a group of 8 students during the weekend web development technologies such as HTML, CSS, Node.js, Javascript, Typescript and React.js.

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

CERTIFICATES

HashiCorp Certified: Terraform Associate (002)

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

01/2023 - 01/2025

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

VMware Spring Professional 2021

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

11/2021 - Present

Certified Kubernetes Application Developer (CKAD)

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

10/2021 - 10/2024

EDUCATION

National Degree of Engineering (Bachelor)

The Private Higher School of Engineering and Technology | [ESPRIT](#)

Tunis, Tunisia

07/2016 - 08/2020

Studied software architecture, front end development, back end development and agile methodology.

Preparatory Cycle for Engineering Studies

El Manar Preparatory Engineering Institute | [IPEIEM](#)

Tunis, Tunisia

07/2014 - 04/2016

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

LANGUAGES

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

SKILLS

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|---------------|----------------|-----------------------|
| • 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 |