Ilyes Zouaoui
Lead Java Developer

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WORK EXPERIENCE

Lead Java Developer
Capgemini | Berlin, Germany (capgemini.com)   **01/2022 - Present**

Led the development of microservice applications that handles the electronic signature of contracts between car dealers and customers for a famous car manufacturer using Java, Spring Boot, Terraform, Kubernetes, Docker, AWS, EKS, SNS, SQS, Github Actions (CI/CD), Angular, TypeScript and SC.

- Designed a code optimization solution which resulted in five times faster response time.
- Collaborated extensively with the product owner in requirements definition and refinement activities.
- Participated in technical interviews for new project candidates.
- Coached team members on NEXUS SCRUM, software development, testing and architecture.
- Integrated multiple third-party vendors into the project such as Scrive, Salesforce and Onfido.
- Was the first technical contact person for multiple microservices.

Java Developer
Maibornwolff | Tunis, Tunisia (maibornwolff.de)   **08/2020 - 12/2021**

Participated in the development of a social media microservice applications for luxurious car owners which provides access to prestigious activities and offers using Spring Boot, Java, Docker, Kubernetes, AWS, EKS, Kafka Message Broker, Terraform, Gitlab CI, Angular, REST API, Open API and SCRUM.

- Created a CI/CD pipeline optimization solution and proposed it to our team's architect.
- Coached new project trainees on software development and SCRUM.
- Remained on-call to urgently support clients, fix bugs and resolve incidents.
- Helped in successfully recruiting 3 new colleagues.

Trainee Java Developer
Maibornwolff | Tunis, Tunisia (maibornwolff.de)   **02/2020 - 07/2020**

Migrated a part of a monolithic JEE/JSF application which calculates the usage of car manufacturer equipment's per employee. To a microservices-based solution using Java, Spring boot, Docker, Kubernetes, Helm, AWS, EKS, Angular, HTML, CSS, Github Actions (CI/CD), SQL and Elasticsearch.

- Created a CI/CD pipeline with continuous deployment to AWS EKS.
- Migrated part of a monolithic application to a full stack microservice based solution.
- Documented the migration steps as a prof of concept.

Javascript Web Lecturer
Gomycode | Tunis, Tunisia (gomycode.com)   **08/2019 - 12/2019**

Taught during the week-ends (part-time) a group of 8 students from various ages 14 to 40 web development technologies. Such as HTML, CSS, Bootstrap, Node.js, Javascript, Typescript, Angular.

- Conducted more than 15 workshops about web development.
- Created 6 new learning projects and proposed them to Gomycode as new official training projects.

Trainee Java Developer

ESPRIT | Tunis, Tunisia (esprint.tn**)**   **05/2019 - 07/2019**

Collaborated with a doctor to define the business requirements for a forum web application about Alzheimer disease. And developed it from scratch within a team of 4 trainees using Java, Spring boot, Docker, AWS, ECS, S3, ALB, RDS, Lambda, Cloudfront, Angular, Github Actions (CI/CD) and SCRUM.

- Collaborated extensively with the doctor to define business requirements and user stories.
- Implemented user authentication and authorization with JWT token and spring security.
- Deployed and integrated backend and front end parts on AWS ECS, S3 and Cloudfront.
- Was the Scrum Master of our team.

Trainee Javascript Developer

Vertel | Tunis, Tunisia (Vertel**)**   **05/2017 - 07/2017**

Collaborate with the CEO of Vertel start-up to define the business requirements for a marketplace web application and develop it from scratch within a team of 3 trainees using Javascript, Node.js, NoSql, Express.js, MongoDb, React.js, Git, REST API and SCRUM.

- Collaborated with the CEO of Vertel to define business requirements and user stories.
- Created a full stack js application from scratch.

CERTIFICATIONS

HashiCorp Certified: Terraform Associate (002)

HashiCorp | Badge Verification   **01/2023 - 01/2025**

Professional Scrum Product Owner™ II (PSPO II)

Scrum.org | Badge Verification   **11/2022 - Present**

Professional Scrum Master™ II (PSM II)

Scrum.org | Badge Verification   **10/2022 - Present**

AWS Certified Cloud Practitioner

AWS | Badge Verification   **11/2022 - 11/2025**

VMware Spring Professional 2021

VMware | Badge Verification   **11/2021 - Present**

Certified Kubernetes Application Developer (CKAD)

Linux Foundation | Badge Verification   **10/2021 - 10/2024**

EDUCATION

Bachelor Of Engineering

ESPRIT | Tunis, Tunisia (esprit.tn**)**   **07/2016 - 08/2020**

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

Preparatory Cycle For Engineering Studies

IPEIEM | Tunis, Tunisia (ipeiem.rnu.tn**)**   **07/2016 - 08/2020**

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

LANGUAGES

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

SKILLS

- **Scrum**
- **Software Architecture**
- **Java**
- **Spring Boot**
- **REST API**
- **Javascript**
- **Node.js**
- **Angular**
- **AWS**
- **Docker**
- **Kubernetes**
- **Terraform**
- **CI/CD pipeline**
- **Kafka**
- **SQL**
- **Git**