



khouLOUD Mekni

DevOps with a strong background in software development and expertise in **CI/CD**, containerization, and monitoring. Experienced in automating workflows and ensuring reliable deployments using tools such as **Jenkins, Docker, and Docker Compose**. Proficient in backend technologies (**Node.js, Express.js**) and frontend frameworks (**React.js**), combined with monitoring expertise using **Prometheus and Grafana**. Skilled in code quality assurance with **SonarQube**. Passionate about building scalable solutions that foster effective collaboration between development and operations teams.

My Contact

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Tunis

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[Github](#)

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Hard Skills

DevOps Tools: Jenkins, Vagrant, Docker, Docker Compose, Nexus, SonarQube.

Programming and Scripting

Languages: JavaScript, Bash, Groovy

Monitoring and Supervision:

Prometheus, Grafana.

Version Control: Git, GitHub.

Backend Technologies: Node.js, Express.js, MongoDB, MySQL.

Frontend Technologies: React.js.

API Tools: Postman (testing and validation) / Swagger (documentation and simulation).

Office Software: Microsoft 365 (Excel, Word, PowerPoint).

Soft Skills

- Problem-Solving
- Attention to detail
- Strong communication
- Ability to learn quickly and adapt to new technologies
- Communication
- Ability to Handle stress
- Good listening and understanding

Languages

- Arabic: native
- French: Fluent
- English: Intermediate

Projects & Achievements

DevOps Intern | Centre Elife

October - November 2024

- Implementing **DevOps practices** for both the **frontend with Angular** and the **backend with Spring Boot**, streamlining the development and deployment processes for greater efficiency and faster delivery.
- Creating and managing reproducible development environments using **Vagrant**.
- Implementing **CI/CD pipelines with Jenkins**, reducing deployment time by **50%**.
- **Nexus:** Managing artifacts and dependencies to centralize libraries used in my project.
- **SonarQube:** Performing static code analysis to improve quality and identify vulnerabilities.
- Collaborating with development teams to manage source code via **Git and GitHub**, reducing merge conflicts by **15%** through optimized Git workflows.
- Managing **Docker** containers for microservices to enhance scalability and reduce downtime by **20%**.
- **Docker Compose:** Orchestrating containers to simplify complex configurations.
- Monitoring system and application metrics with **Prometheus**, creating interactive dashboards via **Grafana**, which reduced performance incidents by **20%**.

Web developer Instructor | GOMYCODE

January- June 2023

- teach **HTML, CSS, JavaScript**, and the **DOM**, to aspiring developers, providing them with a solid foundation in front-end development. and encouraging them to learn by making.
- Organize and facilitate daily group workshops.
- Coach students to independently find solutions to their problems.
- empower them with essential collaboration tools like **Git and GitHub**.
- Provide feedback on how we can improve.

Web Developer intern | GOMYCODE

April - June 2022

- Labphase project with GOMYCODE: the creation of an Online Books website Using the **MERN stack** and targeting 2 categories of people: User, Author.
- this website allows Users to read a book online and add a review
- Allows Authors to share their books online and see the Review of their books.
- **MongoDb, Express,ReactJs,NodeJs,joi,SematicUI,Tailwind CSS**

Education Background

GoMyCode | November 2021 - Mars 2022
Fullstack JavaScript Development Training

Elife Beja | January -July 2021
Software Development Training

higher institute of technological studies of beja | September 2017-July 2020
Bachelor's degree in Mechanical Engineering

OTHER

DevOps Foundation Professional Certification (DEPC)

Awarded by CertiProf – December 26, 2024

Reference: TLZVTZLDTKH-XWSRWXPHT-RDFTPRDHPD