

Oussema Trimech

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Skills

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- C# | .NET | Java | JavaScript | TypeScript(Angular) | C | MongoDB | MySQL | Node | Express | React | Springboot | Redux | jQuery | NoSQL | PHP | Symfony | Git
 - AWS | Cloud Computing | CI/CD | Kubernetes | Cucumber | Unit Testing | OOP | Nexus | Vagrant | Docker | Jenkins
 - Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, French, Arabic – *All professional proficiency or above*

Experience

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|----------------------------------|-----------------------------|------------------------|--------------------------|
| Software Engineer, Intern | <u>Skipt Tunisia</u> | <i>Sousse, Tunisia</i> | 06/2023 - 09/2023 |
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- **Kubernetes project: deployment of web application :** I have deployed two applications, MongoDB and Mango-Express, on a Kubernetes infrastructure. I configured a web application and its database using Kubernetes components such as Deployment (pods), Service, ConfigMap.
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| Software Engineer, Intern | <u>RawPixels</u> | <i>Monastir, Tunisia</i> | 06/2022 - 8/2022 |
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- **Website for Camping Amateurs :** I was involved in the creation of a website for camping enthusiasts. My main role was to implement authentication using JWT (JSON Web Tokens) with Spring. Additionally, I developed a forum and a WebSocket messaging system to enhance user interaction.

Education

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| Engineering Cycle | <u>ESPRIT , Tunis</u> | <i>Tunis , Tunisia</i> | 08/2021 – Now |
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- Major Computer Engineering And Cloud Computing
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| Pre-Engineering | <u>IPEIM , Monastir</u> | <i>Monastir , Tunisia</i> | 09/2018 - 06/2021 |
|------------------------|--------------------------------|---------------------------|--------------------------|
- Major in Math , Algebra , Physics , Quantum Physics , Chemistry

Projects

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- **DevOps Project :** Implementing all links in the continuous integration and continuous delivery chain. Using Jenkins, Docker, and Git for continuous integration and version control. Creating a Nexus 3 repository for artifact delivery. Implementing JUnit tests to ensure code quality. Using Sonar for development standards analysis. Monitoring the infrastructure with Prometheus and Grafana to anticipate incidents.
 - **Desktop Application And E-Learning Website :** designed and developed of a desktop application and a website for online learning. Used technologies such as JavaFX, Scene Builder, and Symfony to build these platforms, providing users with flexible and interactive learning solutions
 - **Spring Angular Website E-Commerce :** Contributed to the development of a complete website using Spring, Angular, and MySQL Workbench. The features of this website included payment with Stripe, authentication with Okta, a product search algorithm, pagination, and other essential features for an optimal user experience (09/2023 – 11/2023)

Activities

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- **Tunisian Scout:** Interacting with young boys and girls and help them learn how to code from a young age (**2016 - now**)
 - **Computer Science Tutor:** Programming | Data Structure and Algorithms | SpringBoot | Angular | Symfony | DevOps