KRAIEM MOUHAMED BECHIR

Software engineer student at ENIT

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SUMMARY

I am a student in software engineering at ENIT, I am creative, motivated and very willing to learn, develop new skills and explore more DevOps technologies.

EDUCATION

Software engineering cycles

📅 08/2020 – present   📍 ENIT

Preparatory engineering cycle Math Physics

📅 08/2018 – 06/2020   📍 IPEIM

EXPERIENCE

Introductory internship | Tunisie Telecom

📅 06 2022 – 07 2022   📍 Tunis, Tunisie

- Automate the software quality control process by creating a continuous delivery pipeline using Jenkins as CI/CD tool.
- Used Git as source control management tool and Gitlab webhook to execute Jenkins pipeline.
- Build spring boot application using maven and containerized the application using Docker.
- Performed unit and integration testing and used SonarQube for application static tests.
- Provisioned the deployment infrastructure, and deployed docker containers using Ansible to the remote server.
- Monitor software quality indicators and metrics using Prometheus and grafana.
- Implement software security control tools throughout the development life cycle.

Web intership | Labo Syscom ENIT

📅 07 2021 – 08 2021   📍 Tunis, Tunisie

- Developped a web application using Javascript, ReactJS.

Python | Java | SQL | JavaScript | C | C++ | bash | NodeJs | AngularJs | REST API

-PROJETS

Kubernetes project: deployment of web application

- Deployed two applications MongoDB and mango-express.
- Set up a web application and its database using kubernetes components such as Deployment (pods), Service, ConfigMap and Secret.

Ansible project

- Created an ssh connection between servers.
- Created various ansible playbooks to configure many servers and install services such as Apache, Docker, databases, etc.

Communication platform for the ICT department ENIT

- Added and fixed some features in the ICT department communication platform using AngularJs and NodeJs.
- Added posts feature in this platform, so students can share posts between each other using their personal accounts.
- Added map features to the platform to show the location of alumni students' work places.

LANGUAGES

Arabic: Native   **English:** B2   **French:** B2

SKILLS

Programming Skills

Python | Java | SQL | JavaScript | C | C++ | bash | NodeJs | AngularJs | REST API

Databases and Cloud services

MySQL | PostgreSQL | MongoDB | oracle | AWS | Terraform | Azure

Tools

Linux | Docker | kubernetes | Ansible | Git | Grafana | Prometheus | Jenkins | Gitlab | Github | SonarQube | Vagrant | Apache | CI/CD | DevOps | Pipelines | Microservices | Agile | Webhooks | UML

CERTIFICATES

Introduction to Jenkins :
- EdX | LinuxFoundationX

Introduction to Linux :
- EdX | LinuxFoundationX

Introduction to Kubernetes :
- EdX | LinuxFoundationX

AWS Cloud Technical Essentials :
- EdX | AWS

AWS Cloud Practitioner Essentials :
- EdX | AWS

Deploy Infra in the Cloud using Terraform:
- Udemy

ACTIVITIES

- Was a member at GDSC ENIT

- Was a member at G2foss ENIT

- Participated in the TCPC Tunisian coding competition and solve coding problems in Codeforces platform

PASSIONS

Competitive Programming - Chess - Sports