



INES BOUKHRIS

Software Engineering Student

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👤 PROFILE

- I'm a 3rd-year software engineering student looking for an **end-of-study internship (PFE)** opportunity.
- I am particularly interested in the fields of **DevOps, Cloud, and Mobile Development**.

🎓 EDUCATION

Software Engineering, *Higher Institute of Computer Science - ISI Ariana*
2022 – present

Bachelor's degree in Network and Computer Systems Engineering, *Higher Institute of Computer Science - ISI Ariana*
2019 – 2022

🧠 SKILLS

- Git, Jenkins, Docker, Ansible, Kubernetes, Sonarqube, Nexus, Terraform
- Java, C/C++, Python
- SpringBoot, Angular, Flutter
- Oracle, MongoDB, Mysql, PhpMyAdmin, Firebase
- Hadoop, Spark, Kafka
- Linux, RaspberryPi, Latex

🧩 CLUB

Member of Securinets ISI Club, *Junior Department*
2019 – 2023

- Animation of computer security workshops for students.
- Organization of competitive events for juniors.

🔑 INTERESTS

Chess
Hiking
Astronomy

🌐 LANGUAGES

Arabic : Native
Français : Fluent
Anglais : Fluent

💼 PROFESSIONAL EXPERIENCE

Summer Internship, *SFM Technologies*

06/2024 – 08/2024

- **Development of a mobile application for optimizing electrical energy consumption in buildings.**

Description: • Encourages users to reduce energy consumption through rewards, challenges, and exclusive offers, making the app more interactive and motivating.
Technical environment : Flutter, Git

Summer Internship, *Africom Services*

07/2023 – 08/2023

- **Integration and Deployment of a web application**

Description: • Automating the deployment of a web application. • Development of an integration pipeline to create and publish a Docker image of the application.
Technical environment : Git, Docker, Jenkins, Ansible

End of Studies Internship, *SFM Technologies*

02/2022 – 05/2022

- **Implementation of a continuous integration and virtualization system**

Description: • Establish a comprehensive pipeline spanning code integration, build, testing, delivery, and continuous deployment. • Integrate it into the Qoentum platform and establish an environment conducive to continuous deployment.
Technical environment : Git, Jenkins, Docker, Sonarqube, Ansible, Kubernetes

📁 PROJECTS

DevOps Project : CI/CD Pipeline

- Designed and implemented a **Jenkins CI/CD pipeline** to automate the build, test, and deployment process.
- Integrated tools like **Maven** for compilation, **SonarQube** for static code analysis, **Trivy** for vulnerability scanning, and **Nexus** for artifact management.
- Automated containerization using **Docker**, infrastructure provisioning with **Terraform**, and deployment with **Ansible**.

Hackathon “Empowering ISI with AI”

- Developing a chatbot to answer questions based on ISI internal documents using **RAG** and AI agents.

Mobile Application : Notify

- Development of an application with **Flutter**.
- Publication and creation of messages and categories from Teachers.
- Register students to categories and receive notifications when new posts are published.
- Using **Firebase** database to store posts, categories and registrations.

E-commerce website : Joya

- Backend development with **Spring Boot** via the integration of a **MySQL database**.
- User, product and order management through the use of **RESTful APIs**.
- Implementation of a rich and interactive user interface with **Angular**.

📜 CERTIFICATES

Introduction to Kubernetes — 10/2024 | Simplilearn

AWS Cloud Practionner (CLF-02) — 09/2024 | KodeKloud

CDOSS Big Data Machine Learning with Apache Spark — 03/2024 | CDOSS

Microsoft Certified : Azure AI Fundamentals (AI 900) — 02/2024 | Microsoft

Microsoft Certified : Azure Data Fundamentals (DP 900) — 01/2024 | Microsoft

Scrum Fundamentals Certified — 02/2022 | Scrum Study