# Mhamed Ben Jaafar

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## SKILLS

- Cloud Computing : Virtualization, AWS, Kubernetes, Docker
- DevOps : Jenkins, SonarQube, Nexus, Ansible,Git, CI/CD
- Monitoring : Grafana, Prometheus
- Programming : C, C++, Java, PHP, TypeScript (Angular) ,Shell Scripting (Bash),
- API Development and Integration (REST, GraphQL)
- Networking (TCP/IP, DNS, Load Balancers)

## PROFESSIONAL EXPERIENCE

**Openyx**                                                    **August 2024 - September 2024**
**Technology Information Intern**
Contributed to enhancing system efficiency by configuring 5+ virtual environments and deploying 3 cloud-based solutions. Monitored and optimized performance, reducing system downtime by 15%.

**Ernest & Young**                                                    **June 2024 - July 2024**
**Technology Strategy & Architecture Intern**
Conducted a performance analysis comparing on-premise infrastructure, VMware, and Kubernetes, setting up test environments and using tools like Grafana and JMeter to evaluate scalability, efficiency, and cost-effectiveness.

**Comunik**                                                    **June 2023 - July 2023**
**Web Development Intern**
Developed a comprehensive web application using PHP and the Laravel framework, designed specifically for managing employee information for a company with approximately 100 employees, including features for tracking employee details, managing roles, and generating reports

**Hichem Ben Jaafar's Office**                                                    **June 2022 - July 2022**
**Professional Life Initiation Internship**
Built a local interface for a doctor to manage clients and appointments, replacing a paper-based system. Used C++ ( QT Framework ).

## EDUCATION

**Exchange Student - Hochschule Schmalkalden**
2024 - 2025

**Computer Engineering - ESPRIT**
2020 - 2025

**High School Diploma**
TUNIS - 2020

## LANGUAGES

English  - C1
French  - C1
Arabic - Native language

## EXTRA-CURRICULAR ACTIVITIES

**Community Manager - Stade Tunisien Football Club**
Managing social media content to engage fans and enhance team visibility. Facilitating fan interactions to maintain a positive team image.
Facebook Page : 125K
Instagram Page : 16K

**E-Sports Professional Player**                 **2021 - 2022**

## ACADEMIC PROJECTS

**Automated CI/CD Pipeline**                 **2024**
Implemented a CI/CD pipeline for a Spring Boot app with Jenkins, Docker,Git and SonarQube, enabling automated deployment and monitoring via Grafana and Prometheus.

**Cloud Computing Project**                 **2023 - 2024**
Created deployed a cloud infrastructure with OpenStack,Docker,Kubernetes  configuring compute, storage, and networking resources to support scalable virtual environments.

**Full Stack Development**                 **2023 - 2024**
Engineered an interactive project management website using Spring Boot and Angular, streamlining workflow for 250+ students by consolidating task tracking and communication in a single platform tailored to academic needs.

**Multiplatform Application**                 **2022-2023**
Established a cross-platform application for a company specializing in urban garden installations
Desktop : Java
Web : Php ( Symfony Framework )
Mobile : CodeNameOne