

MOHAMED YASSINE GADHGADHI

IT SYSTEMS AND DEVOPS ENGINEER

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Personal Portfolio : <https://woodjooe.github.io>

PROFILE

Experienced in operating and automating complex, large-scale, production-grade environments, with a strong focus on reliability, security, and continuous growth in DevOps and IT Systems Engineering.

EXPERIENCE

● IT System Engineer August 2024 - Present

@ KPIT engineering / Technica Engineering

With a multicultural team, performed a range of infrastructure and security tasks across multi-branch infrastructure:

- ❖ Deployed, configured and maintained various Linux servers, with terraform, for specialized purposes:
 - ElasticStack for data monitoring and dashboarding.
 - Dockerized Security-Onion to monitor Linux and Windows servers.
 - File sharing server, SonarQube for code quality analysis, and version control systems (e.g., GitLab).
 - Jenkins for task orchestration.
 - Squid as proxy server.
 - Nexus sonatype for storing artifacts.
- ❖ Deployed kubernetes cluster to ensure high availability and fault tolerance of important services and managed RBAC rules.
- ❖ Created and implemented a process to ensure automatic updates for all linux servers with ansible playbooks.
- ❖ Monitored ESET antivirus across both servers and employee workstations (1000+).
- ❖ Jira and Confluence administration and maintenance.
- ❖ Troubleshoot network issues, and configured firewall rules.
- ❖ Automated tasks that leverage APIs securely with Bash, Python scripts and Ansible playbooks.
- ❖ Developed PowerShell scripts to streamline Active Directory and DNS tasks.
- ❖ Configured Zabbix web scenarios.

Mentored interns during the following projects:

- ❖ Phishing Detection/Threat Intelligence PFE Project.
- ❖ Kubernetes Security Hardening PFE project.
- ❖ Traffic Monitoring using traditional tools including Zeek/Suricata and newly developed tools with AI.
- ❖ Leveraging AI to test Captcha security.

● Cyber security Intern at Talan February 2024 - June 2024

- ❖ Graduation Project titled "SOC Detection Capacity Assessment Tool":
 - Designed and implemented an open-source adversary emulation framework to evaluate SOC detection capabilities, in order to identify security detection gaps and improve.

Keywords: Linux, Infrastructure As Code (IAC), Red teaming, MITRE ATT&CK framework

● Cyber security Intern at DefensyLab July 2023 - September 2023

- ❖ Worked on Active Directory Penetration Testing:
 - Set up an AD lab with vagrant (IaC) to perform penetration testing and harden the AD security.

Keywords: Linux, Infrastructure As Code (IAC), penetration testing, Detection Evasion

EDUCATION

- **Computer Engineering at National Engineering School of Sfax (ENIS)** September 2021 - June 2024
- **Preparatory School for Engineering Studies of Tunis - Physics/Chemistry (IPEIT)** September 2019 - June 2021

CERTIFICATIONS

- **RedHat Certified System Administrator (RHCSA)**
- **Microsoft Certified : Azure Fundamentals (AZ-900)**
- **Microsoft Certified : Security, Compliance and identity fundamentals (SC-900)**
- **HTB Certified Junior CyberSecurity Associate - CJCA (in Progress)**
- **CyberTalents Certified : SOC Analyst**
- **CyberTalents Certified : Threat Hunting**

PROJECTS

- **Kubernetes CI/CD Lab**
 - Deployed K8s cluster using opentofu IAC and configured the cluster to run gitlab and gitlab-runner pods Then configured gitlab CI/CD so that for every code change ran on gitlab, gitlab-runner would create a pod to compile and save resulting binary.
- **AD + SOC LAB**
 - Monitor AD with Universal Forwarder and Splunk for indexing and Zeek & Suricata to analyze traffic
- **Malware Development and Analysis**
 - Developed with Win32 assembly and C++ , analyzed with VirusTotal.
- **Cyber Security CTF competitions Author**
 - CybererTek CTF V2 / CyberTek CTF / CTF Kareem / Tekup Mini CTF

COMPETITIONS

- **CyberSphere 6 Advanced** CTF 2025 | 1 / 60+ teams
- **HTB Cyber Apocalypse** CTF 2024 | 107 / 5694 teams
- **HackFest Finals** CTF 2024 | 5 / 15 Finalist teams
- **Arab Security CWG** CTF 2023 | top 30 / 738 teams

EXTRACURRICULAR ACTIVITIES

- **Founded SecuritNets ENIS cyber security university club**
 - Organized a team of cyber security enthusiasts whose goal is to gain and spread knowledge.
 - Prepared and presented multiple cyber security workshops.

SKILLS & TOOLS

IT Infrastructure Skills

- Active Directory
- Linux/Windows Engineering
- VMware Vsphere/ESXI
- Google Cloud Platform
- Eset AV (ESET Protect Platform)
- Veeam

Scripting Skills

- Python
- Powershell
- Bash
- Golang

DevOps Skills

- Ansible
- Terraform
- Docker
- Kubernetes
- Jenkins
- Flux CD

LANGUAGES

- **Arabic (Native)**
- **English (C1)**
- **French (B2)**
- **German (B1)**