

Ilyas Alla

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PROFESSIONAL SUMMARY

Passionate about IT and cloud computing technologies, I am highly motivated to contribute to innovative projects that transform the way cloud technologies are used. I leverage deep expertise in the field of IT to deliver efficient and scalable solutions, meeting the dynamic technological needs and ambitious objectives of a forward-looking company. As a pentesting trainee at Dataprotect, I am enhancing my cybersecurity expertise through practical, real-world experience in offensive security.

TECHNICAL SKILLS

Programming Languages: Python, PowerShell, Bash

Operating Systems: Windows Server, Linux (Ubuntu, CentOS, RHEL, ...)

Cloud Platforms: AWS, Microsoft Azure, Google Cloud, Openstack

Network and Security: TCP/IP, DNS, DHCP, VPN, Firewalls, Load Balancing

Databases: MongoDB, MariaDB, Oracle

Virtualization: Proxmox, VirtualBox, Hypervisor

Tools & Technologies: Docker, Kubernetes, Git, Wireshark, Salesforce

PROFESSIONAL EXPERIENCE

Stagiaire Pentesting | DataProtect | Casablanca, Morocco | August 2025 – December 2025

- Implemented networks, administered Windows Server and Linux, and managed projects.
- Applied cybersecurity standards, conducted risk analysis, and learned cryptography basics.
- Introduction to Python and exploration of cybersecurity careers.
- Specialized in penetration testing: network, web, and mobile pentests, including countermeasures.
- Gained practical experience through company immersion.
- Developed soft skills and prepared for recruitment processes.

Help Desk Advisor | Concentrix | Fez, Morocco | October 2024 – January 2025

- Provided technical assistance and user support by responding to service requests.
- Managed incidents quickly while meeting SLA requirements.
- Collaborated with Level 2/3 teams to escalate complex technical issues.
- Improved overall user satisfaction.

IT Intern | Faculty of Science and Technology | Fez, Morocco | April 2023 – June 2023

- Set up a Proxmox environment for the development of a WordPress site.
- Configured OpenVPN in a container to provide secure remote access.
- Independently configured and tested the Azure DDoS Protection plan to secure cloud networks.
- Implemented Proxmox solutions for efficient resource management and isolation.

EDUCATION

Certificate in AWS Cloud Computing ALX Africa, Casablanca, Morocco | Present

Bachelor's degree in Systems, Databases and Cloud Administration Supemir, Casablanca, Morocco | 2024

Diploma in Digital Infrastructure Cloud Computing option OFPPT, Fez, Morocco | 2023

CERTIFICATES

- Oracle Cloud Infrastructure Data Certified Foundations Associate | 2024
- Oracle Cloud Infrastructure for Sunbird Ed Speciality | 2024
- Cisco: Python Essentials 1 | 2024
- ALX Professional Foundations | 2025
- AWS Certified Cloud Practitioner | 2025

PROJECTS

Cloud-Native Microservice Stack | July 2025

- Designed and implemented production-grade cloud-native platform simulating enterprise-level microservices architecture
- Technologies used: Docker, Kubernetes, Python Flask, MongoDB, NGINX, Prometheus, Grafana, GitHub Actions, Helm
- Results: Created fully automated development environment with monitoring capabilities, demonstrating DevOps best practices

Cloud Shift | May 2024 - June 2024

- Designed and implemented a comprehensive private cloud solution using Openstack for business requirements, focusing on virtualization, resource optimization and security configuration.
- Technologies used: Openstack, Linux, KVM, MariaDB, RabbitMQ, CI/CD
- Results: Successfully delivered scalable private cloud solution demonstrating enterprise infrastructure management capabilities

Azure DDoS Protection | April 2023 - June 2023

- Developed comprehensive DDoS protection strategy to protect critical cloud infrastructure from volumetric cyber attacks
- Technologies used: Azure DDoS Protection, Azure Monitor, Log Analytics, Azure Security Center, PowerShell, ARM Templates
- Results: Successfully protected cloud infrastructure against volumetric attacks with 99.9% uptime during testing phases

ADDITIONAL INFORMATION

- **Driver License:** Class B
- **Languages:** Arabic - English - French
- **Interests:** Basketball - Documentation - Web3