

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 enhanced 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 | 2025

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

- TryHackMe Pre Security | 2025
- OPSWAT Introduction to CIP | 2025
- AWS Certified Cloud Practitioner | 2025
- ALX Professional Foundations | 2025
- Oracle Cloud Infrastructure Data Certified Foundations Associate | 2024
- Oracle Cloud Infrastructure for Sunbird Ed Speciality | 2024
- Cisco: Python Essentials 1 | 2024

PROJECTS

Cloud Attack Surface Detector | August 2025 – December 2025

- Automated tool capable of analyzing a cloud environment to identify all vulnerable points and exposed configurations. It helps companies strengthen their security before external attacks can exploit these weaknesses.

Cloud-Native Microservice Stack | July 2025

- A set of microservices designed to run natively in the cloud, allowing flexible deployment, dynamic scalability, and simplified maintenance of modern applications.

Study and Implementation of a Private Cloud Solution | May 2024 – June 2024

- Design and deployment of a private cloud using OpenStack, enabling centralized management of virtual machines, containers, and network services. The project ensures security, performance, and scalability of the infrastructure while providing an internal platform tailored to the company's needs.

Azure DDoS Protection Plan | April 2023 – June 2023

- Advanced security service provided by Microsoft Azure to protect cloud applications against distributed denial-of-service (DDoS) attacks. It monitors traffic in real-time, detects threats, and automatically applies protective measures to ensure service availability.

ADDITIONAL INFORMATION

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