



MOUHCINE MESMOUKI

CLOUD SECURITY CASABLANCA, MOROCCO +212 678 637975

◦ DETAILS ◦

Casablanca
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Date / Place of birth

11.08.1998

Kénitra

Nationality

Moroccan

◦ LINKS ◦

[LinkedIn - mouhcinemesmouki/](#)

[Portfolio - mouhcinemes/](#)

◦ SKILLS ◦

Programming languages & Version Control: Git (Github - GitLab) - SVN, JavaScript - M.E.R.N Stack (MongoDB, Express.js, React.js, Node.js)

Cybersecurity tools and tech: Wireshark, OWASP ZAP, Nmap, Metasploit, Snort, Kali Linux, Nessus, Burp Suite, Splunk, OpenVAS, VirusTotal

Cloud platforms: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)

Infrastructure, Containerization and Orchestration: Docker, Kubernetes, Manage Engine (PAM360, OpManager, MDM, PatchManager, EndPoint Central, ADManager)

◦ LANGUAGES ◦

German

English

French

Arabic

PERSON PROFILE

Bilingual cybersecurity researcher experienced in secure infrastructure and application design, testing, and implementation using DevOps methodologies. Skilled in threat analysis, vulnerability assessment, and incident response, with a proven track record of successful project outcomes.

EDUCATION

Bachelor. of Science - Web Development, SupInfo University, Casablanca
October 2018 — June 2021

Master. of Science - Cyber Security, Ynov University, Casablanca
October 2021 — June 2023

INTERNSHIPS

Intern Cloud Security at Data Protect, Casablanca
April 2022 — October 2022

- Leveraged SONAR CLOUD in our DevSecOps approach to automate tasks and reports, thereby enhancing security measures and ensuring a streamlined workflow.
- Successfully coordinated with the team to migrate an admin platform to AZURE-MS Cloud, demonstrating proficiency in managing requirements and cloud-based platforms.
- Monitored the CI/CD pipeline using MEERCODE in line with an Agile approach, which optimized the development process and ensured successful implementation of changes.

WORK EXPERIENCE

Infrastructure and Cloud Engineer at Exakis Nelite, Casablanca
March 2023 — October 2023

Azure Microsoft

- Successfully exported .ost and .pst files, as well as Outlook online archives, for a migration of 1500+ users to a new tenant in Azure.
- Successfully executed the migration of 220+ users from Google Workspace to Office 365 using Microsoft's Exchange Migration Batches, seamlessly transferring mailboxes while assigning E3 licenses by groups to easily manage the licenses. Additionally, successfully migrated Google Drive content to OneDrive, ensuring a comprehensive transition to the Microsoft ecosystem.
- Implemented and configured Conditional Access policies within Microsoft 365 and Azure Active Directory to enforce granular access controls based on user context, device compliance, and location factors.
- Developed and enforced policies and procedures for granting, reviewing, and revoking privileged roles and access through PIM, ensuring adherence to security and compliance requirements.
- Successfully performed synchronization of on-premises Active Directory with Azure Active Directory using Azure AD Connect.

◦ HOBBIES ◦

- Discovering new technologies
- Creating Dev/Security Labs
- A pro fifa player

Manage Engine

- Successfully integrated and operationalized the ManageEngine ADManager platform, enabling efficient management and maintenance of client's Active Directory infrastructure.
- Delivered a POC of PAM360 ManageEngine that effectively showcased the core functionalities and benefits such as a streamlined privileged access, robust security controls, comprehensive audit trails (Session recording of RDP & SSH), simplified access provisioning and request workflows whilst implementing the concept of (self-service access request and RBAC), and also password management and rotations to potential clients.
- Set up and established the ManageEngine Endpoint Central solution to optimize endpoint security, patch management, and software deployment for the client, while also deploying and configuring ManageEngine's Patch Manager to ensure timely and efficient patch deployment across client systems.
- Established centralized control and management of devices (Network devices & VMs & HyperVisors) through ManageEngine OpManager, providing real-time visibility into performance (CPU & RAM usage), availability (DISK usage/utilization), and health.
- Collaborated with a client to implement ManageEngine Mobile Device Management, facilitating efficient mobile device provisioning, enrollment, tracking, and also policies. To ensure compliance, data protection, and device security.

★ ACADEMIC PROJECTS

Scrum Master - ParkFinder, Casablanca

June 2021 — July 2022

- Guided the design and architecture of a DevOps environment to streamline development processes while leading a team of 6 developers in the implementation and adaptation of Agile and Scrum methodologies concentrating on sprint planning, daily scrums, and sprint reviews
- Instructed and delegated tasks to team members while providing continuous coaching for improvement of development practices and standards.
- Successfully integrated unit testing into the development pipeline, leveraging Mocha.js and Chai.js to ensure code reliability and robustness for quality product outputs.

🐦 ADDITIONAL EXPERIENCE

TryHackMe Labs

- Technical Skills:
 - Network scanning and enumeration using tools such as Nmap and Netcat
 - Exploitation techniques for web applications, including SQL injection and cross-site scripting (XSS)
 - Vulnerability assessment and management using Kali Linux (OS) and Metasploit
- Certifications and Badges:
 - TryHackMe OhSint, Hash Cracker, Mr Robot, OWASP Top 10 Badge.
 - Completed multiple TryHackMe rooms and challenges on topics including network security, web application security, and penetration testing.
- Projects:
 - Completed a web application penetration testing project on TryHackMe, including vulnerability assessment, exploitation, and report writing.
 - Successfully completed several TryHackMe series of challenges and rooms including Wonderland, Breaking Windows and New Year.
- Achievements:
 - Ranked in the top 4% of TryHackMe users
 - Ranked top 0.2% of TryHackMe users in Morocco
 - Ranked top 5 in monthly leaderboard (February 2023)