

Mahmoud Boujbiri

Security Engineer

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SUMMARY

Security Engineer with experience across identity and access management, enterprise security operations, and large-scale transformation programs. Skilled in authentication flows, access control models, and secure system integration within complex environments. Combines technical understanding with strong system-level thinking across IAM, infrastructure, and cybersecurity domains

PROFESSIONAL EXPERIENCE

Cybersecurity & IAM Consultant

Amaris Consulting, Brussels, Belgium

Sep 2025 – Present

Client: Leading financial services group

- Defined authentication and identity lifecycle flows (login, onboarding, password reset)
- Designed MFA strategies with fallback mechanisms to ensure resilient access
- Contributed to token design (claims, enrichment, lean token strategies)
- Worked on integrations via Apigee, REST APIs, and MQ systems
- Aligned IAM models with RBAC and system integration requirements

Internal:

- Structured IAM offerings and supported domain capability growth
- Delivered technical training and IAM enablement across teams
- Contributed to pre-sales (scoping, positioning, client discussions)
- Built IAM maturity assessment framework for client evaluations

IAM Project Manager & Cybersecurity Engineer

Fnac Darty, Ivry-sur-Seine, France

Sep 2023 – Sep 2025

- Led IAM initiatives across MFA, SSO, PAM, and AD governance
- Delivered large-scale MFA rollout using Entra ID (+5,000 identities)
- Migrated 250+ users across 3 countries to a secure collaboration platform
- Implemented privilege elevation policies across 15+ applications
- Developed PowerShell scripts for AD audits and access traceability
- Used CrowdStrike Identity to detect orphan accounts and access inconsistencies
- Advocated replacing audit scripts with CrowdStrike Identity capabilities
- Conducted access reviews aligned with NIST, ISO 27001, and GDPR

Information Security Officer

Nature et Découvertes, Versailles, France

Sep 2022 – Sep 2023

- Managed security operations for 1,000+ endpoints
- Extended EDR coverage through research and proof-of-concept development
- Reduced phishing click rate by 50% via awareness program
- Administered Microsoft Defender and Trend Micro security tools
- Responded to incidents and performed post-incident analysis
- Contributed to Active Directory security improvements and policy enforcement

EDUCATION

ESGI, Paris

2023 – 2025

Master's Degree in Computer Science, Cybersecurity

PERSONAL PROJECTS

Panther ASOC

- Built SOC on Proxmox with Wazuh (SIEM), Suricata (NIDS), TheHive (incident response) and Veeam back-up & replication
- Automated SOC deployment and agent distribution on Linux using Ansible
- Designed VLAN segmentation and pfSense-based network security

Venom

- Developed a polymorphic shellcode generator in Python
- Implemented obfuscation and automated payload generation workflows
- Integrated authentication (bcrypt) and logging system to track usage and security testing activity

SKILLS

Technical: Authentication, Authorization, SSO, MFA, RBAC, Identity lifecycle, OAuth2, OIDC, JWT, REST APIs, Linux, Windows, CrowdStrike, Microsoft Defender, Trend Micro, PowerShell, Python, Bash

Functional: IAM program delivery, identity governance, access control frameworks, business-to-technical translation, stakeholder management, pre-sales & solution scoping, security awareness & training

Certifications: MOOC ANSSI, Cisco CCNA

Languages: Italian (Native), English (C2), Arabic (C2), French (C2), Portuguese (A1), Swedish (B1)

Interests: Reading, Horse riding, Fitness, DIY