

Mohamed Yacine Riabi

Cybersecurity Engineering Student

Tunis, Tunisia – Relocating to Germany in October 2026

Email | +216 50 808 846 | LinkedIn | GitHub

Cybersecurity engineering student with hands-on experience across security engineering, cloud infrastructure, backend development, and SOC operations. Interested in building and securing practical systems across cloud, infrastructure, identity, and application environments.

EDUCATION

Hochschule Schmalkalden

Exchange Semester

Oct 2026 – Mar 2027

Schmalkalden, Germany

TEK-UP University

Engineering Degree in Cybersecurity

2022 – Expected 2027

Ariana, Tunisia

EXPERIENCE

Security Engineering Intern

AI-RE UG

Nov 2025 – Apr 2026

Remote, Germany

- Developed FastAPI backend components and reviewed API endpoints, authentication flows, access controls, and AWS deployment configurations.
- Identified and remediated authorization weaknesses, exposed functionality, insecure implementation patterns, and cloud misconfigurations.
- Improved development security through dependency analysis, secret detection, static analysis, and infrastructure security checks using Semgrep and Trivy.

Security Operations Intern

Union Bancaire pour le Commerce et l'Industrie (UBCI)

Aug 2025 – Sep 2025

Tunis, Tunisia

- Supported SOC Level 1 operations in a banking environment through alert triage, log analysis, and initial investigation.
- Correlated firewall logs, authentication events, network indicators, and VirusTotal results, documenting evidence and escalation decisions.

PROJECTS

Orchestrax.cloud – Cloud-Native Cyber Range Platform on AWS

- Designed and built an AWS-based cyber range that provisions isolated, temporary security labs through a FastAPI backend and Celery workers.
- Automated asynchronous environment creation and teardown using ECS Fargate, SQS, Aurora PostgreSQL, Docker, and AWS CDK.
- Implemented IAM least privilege, VPC isolation, WireGuard access, secret management, automatic cleanup, and monitoring through CloudWatch and AWS X-Ray.

TECHNICAL SKILLS

Security: Application & API Security, Secure Code Review, Vulnerability Assessment, SIEM & Log Analysis, Incident Response, Detection Engineering

Cloud & Infrastructure: AWS, Terraform, Docker, Linux, Networking, Infrastructure Hardening

Development & Automation: Python, Bash, SQL, Git, CI/CD, Ansible

CERTIFICATIONS

SC-900 – Microsoft Certified: Security, Compliance, and Identity Fundamentals

Jul 2026

CCDL1 – Certified CyberDefender Level 1, CyberDefenders

Apr 2026

eWPTX – Web Application Penetration Tester eXtreme, INE Security

Feb 2026

RHCSA – Red Hat Certified System Administrator, Red Hat

Dec 2025

eJPT – Junior Penetration Tester, INE Security

Oct 2025

EXTRACURRICULAR ACTIVITIES

Capture The Flag Competitions – Achieved five national top-three finishes.

2024 – Present

Securinets TEK-UP – Member and co-organizer of cybersecurity events and community activities.

2024 – Present

Rotaract Bardo Aqeduc – Founding member, Professional Development Commission.

2023 – 2026

LANGUAGES

Arabic: Native **English:** C1 (IELTS 7.5) **French:** B2 **German:** A1