

Ahmet Semseddin Gultekin

Security Engineering — Cloud, Container & Network Security

asg.cetr23@gmail.com · shemmus.dev · github.com/shemmus · linkedin.com/in/ahmetsemseddin gultekin · Sakarya, Türkiye

SUMMARY

Third-year Computer Engineering student focused on security engineering, working across network, cloud, and container security. Hands-on experience with vulnerability analysis, log analysis, and web application security through lab work, plus security tooling published on GitHub. Preparing for CompTIA Security+ and the Kubernetes security track.

EDUCATION

Sakarya University — BSc, Computer Engineering Sep 2023 – Jun 2027 (expected)
Relevant coursework: computer networks, operating systems, databases, software engineering, data structures and algorithms.

CERTIFICATIONS

Google Cybersecurity Professional Certificate Google / Coursera · 2024
Threat analysis, security operations, SIEM tooling, network security, and Python security automation, applied against the NIST Cybersecurity Framework.

Cyber Security 101 TryHackMe · 2024
Hands-on labs in penetration testing, web application security, and Linux security tooling, covering the OWASP Top 10 and network protocol analysis.

CompTIA Security+ In progress · exam October 2026
Working toward: AWS Solutions Architect Associate, Certified Kubernetes Administrator (CKA), Certified Kubernetes Security Specialist (CKS).

TECHNICAL SKILLS

Security: Nmap, Wireshark, Burp Suite, Metasploit, vulnerability analysis, log analysis, OSINT, OWASP Top 10
Cloud & containers: Docker, Kubernetes, Linux (Kali, Ubuntu), Windows Server, Git
Networking: TCP/IP, DNS, HTTP/S, firewalls, IDS/IPS, VPN, protocol analysis
Programming: Python, Bash, C#, SQL
Frameworks: NIST Cybersecurity Framework, OWASP Top 10, risk assessment
Currently learning: AWS, Terraform, Kubernetes security (CKA / CKS track), infrastructure as code security

PROJECTS

Advanced Password Analyzer Python
Scores password entropy and cross-references credentials against the Have I Been Pwned API to flag exposure in known breaches.
github.com/shemmus/advanced-password-analyzer

Python Hash Cracker Python
Multi-process, dictionary-based hash cracking tool supporting several hashing algorithms and salt configurations.
github.com/shemmus/python-hash-cracker

LSB Steganography Tool Python
Hides and extracts messages inside image files using least-significant-bit manipulation. github.com/shemmus/lsb-steganography-tool

PROGRAMS & ACTIVITIES

Siber Vatan 2026
Selected for Türkiye's national cybersecurity talent development programme.

LANGUAGES

Turkish (native) · English (professional working proficiency) · Arabic (elementary)