

HÜSEYİN KOCATÜRK

Security Engineer

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PROFESSIONAL SUMMARY

Computer Engineering graduate focused on security engineering, with a full-stack development background (C#/.NET, Java/Spring Boot, React/Next.js). Trained across offensive, defensive, application and cloud security, and brings a developer's understanding of how applications are built to finding and fixing how they break.

SKILLS

- **Offensive Security:** Web application testing (OWASP Top 10), SQL injection, network scanning and enumeration
- **Defensive Security:** SIEM/SOAR, incident response, digital forensics, threat intelligence and hunting
- **Analysis:** Malware analysis, PCAP analysis, APK reverse engineering, OSINT, cryptography
- **Tools:** Burp Suite, Nmap, Metasploit, sqlmap, Wireshark, netcat, Kali Linux
- **Development:** C#/.NET, Java/Spring Boot, Python, JavaScript/React, SQL, Docker, Git
- **Languages:** Turkish (Native), English (Upper-Intermediate)

CYBERSECURITY TRAINING & CTF

Cyber Security Academy | Garanti BBVA Teknoloji Jan 2026 – Apr 2026

- **Selective program:** 280 participants started, with performance-based eliminations after each module; one of 24 to reach the final one-week bootcamp.
- **101:** Corporate security, networks, systems, coding for security, risk management and resilience, architecture.
- **201:** Offensive, defensive, application, network, cloud and endpoint security; IAM, anti-fraud, data security.
- **301:** SIEM/SOAR and UEBA, threat intelligence and hunting, CyberArk PAM, AI and cloud security, anti-fraud analytics; vendor-led sessions and labs by Check Point, Palo Alto Networks, Fortinet and Picas.
- **Bootcamp:** incident detection and response, digital forensics, web, network and mobile app security, malware analysis.

CTF Competitions | Cyberwise & Garanti BBVA Teknoloji

- **Placed 2nd** in the final bootcamp CTF among the 24 finalists.
- Solved challenges in PCAP analysis, web exploitation, mobile APK reverse engineering, cryptography and OSINT.

PROFESSIONAL EXPERIENCE

Software Engineer (Project-Based) | ALGORITMA360 Kocaeli | Jan 2026 – Mar 2026

- Identified a SQL injection vulnerability in a company web app and reported it to senior management; it was patched.
- Developed new modules for an enterprise WMS in C# and .NET Framework, designing schemas and optimized SQL.

Intern Frontend Developer | İLET BİLİŞİM HİZMETLERİ Istanbul | Jan 2025 – Feb 2025

- Built React / Next.js interfaces for client projects; cut initial load time by 30% with code splitting and lazy loading.

Intern Software Engineer | ALPATA TEKNOLOJİ YAZILIM Eskişehir | Jan 2024 – Feb 2024

- Built a storage tracking system with ASP.NET Core and Entity Framework, securing sensitive data with SHA-256.

SOFTWARE PROJECTS

Erasmus+ Partner Studio | Next.js, Python, PostgreSQL, OpenAI API

- Live AI platform that recommends Erasmus+ partner organisations via semantic search over 163,000+ past projects.

AI-Assisted Digital Banking Platform | Spring Boot & React

- Spring Boot 4 REST API with JWT authentication and PostgreSQL, a React dashboard and Claude API transaction analysis.

EDUCATION

Eskişehir Technical University Eskişehir | 2020 – 2025

B.Sc. in Computer Engineering (English-taught program)

OTHER CERTIFICATIONS & CONFERENCE

- **AWS Academy Cloud Foundations** — AWS Academy
- **Web Development & Java** — Turkcell Academy (HTML, CSS, JavaScript, ASP.NET MVC, Java)
- **ICATCES 2025 Presenter** — Deep Learning Framework for Renal Pathology Classification and Segmentation