



Yusuf Can Türk

Application Security Engineer

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PROFİL

A multidisciplinary engineer combining backend development with application security. I build APIs and microservices with secure coding practices, run penetration tests aligned with OWASP Top 10 and SANS 25, and reduce the attack surface through threat modeling and attack surface analysis. I integrate SAST/DAST tooling into CI/CD pipelines and implement mechanisms such as OAuth2, JWT, RBAC and MFA. I also design corporate identities and interfaces for brands.

DENEYİM

Application Security Engineer

Nov 2025 – Present

Kuark · Full-time · Bursa, Türkiye (Hybrid)

I actively contribute to backend development while also taking responsibility for securing applications, performing vulnerability assessments and evaluating systems from an attacker's perspective. My role goes far beyond a traditional backend developer position: it combines software development with continuous application security improvement.

- ▶ Developing APIs, microservices and backend modules with a strong emphasis on secure coding practices
- ▶ Conducting security assessments aligned with OWASP Top 10 and SANS 25
- ▶ Performing regular Web/API penetration tests and enforcing strict security controls
- ▶ Analyzing, prioritizing and reporting vulnerabilities, collaborating with development teams for remediation
- ▶ Reducing the attack surface through threat modeling and attack surface analysis
- ▶ Integrating SAST, DAST and dependency scanning tools into CI/CD pipelines
- ▶ Implementing modern authentication and authorization mechanisms such as OAuth2, JWT, RBAC and MFA
- ▶ Using a Red Team mindset to develop proof-of-concept exploits, test bypass techniques and evaluate system resilience
- ▶ Supporting log management, security monitoring and incident response activities

Co-Founder & Digital Solutions Consultant

Dec 2024 – Present

Echommerce · Full-time · Türkiye

In December 2024 I brought my freelance work together under the Echommerce brand. Echommerce focuses on software development, e-commerce solutions, digital marketing and advertising management, building custom solutions around each client's specific needs.

We turn years of business management experience into smart, effective strategies that help clients succeed. Echommerce is not just a brand name; it represents our vision for excellence in digital solutions and a partnership built on trust.

Freelance Web Developer

Jun 2022 – Present

Yusuf Can TÜRK · Self-employed · Bursa, Türkiye (Remote)

In June 2022 I founded my own company and started taking on freelance work, based on the industry and business management experience I had built up over the years. Running my own business gave me the freedom to serve clients better and to keep developing myself.

Digital Marketing Consultant

May 2025 – Nov 2025

Zai Bodrum · Part-time · Bodrum, Muğla (Remote)

For Zai Bodrum I strengthened the brand's digital presence through strategic planning, content management and optimisation of advertising campaigns. My remote support in social media and website management contributed directly to the brand's growth.

Web Developer

Jul 2023 – Dec 2024

CC Holding · Full-time · Bursa, Türkiye (On-site)

Worked full-time as a developer on corporate web projects and internal systems.

Web Software Developer

Nov 2019 – Oct 2020

DLL Teknoloji A.Ş. · Full-time · Türkiye

Worked with PHP, Laravel, HTML5, CSS, JavaScript, jQuery, Vue.js and Bootstrap on both internal and external client solutions: corporate websites, e-commerce sites and custom software, plus internal projects such as a proposal tracking system and a CRM, and IoT projects automating electricity consumption measurement.

Information Technology Intern

Jun 2015 – Jul 2015

Floteks A.Ş. · Intern · Türkiye

Completed my high-school internship in the IT department of Floteks A.Ş., working on user support, firewall management with Fortinet products, server and network administration — gaining hands-on experience with tools used across the industry.

GÜVENLİK ARAŞTIRMASI (CVE)

CVE-2026-28403 — Missing WebSocket origin validation (Cross-Site WebSocket Hijacking)

CVSS 7.6

Textream (macOS) < 1.5.1 · March 2026

In Textream for macOS prior to 1.5.1, the DirectorServer WebSocket server accepted connections from any origin without validating the HTTP Origin header during the handshake. A malicious web page visited in the same browser session could silently connect to the local WebSocket server and send arbitrary commands.

CVE-2026-28412 — Resource exhaustion through unlimited connections (DoS)

CVSS 6.5

Textream (macOS) < 1.5.1 · March 2026

In Textream for macOS prior to 1.5.1, the DirectorServer WebSocket server imposed no limit on concurrent connections. Combined with a broadcast timer sending state to all clients every 100 ms, an attacker could exhaust CPU and memory by flooding the server, freezing and crashing the application during a live session.

ÖNE ÇIKAN PROJELER

MergenFlow — The Freelancer OS

2025 →

github.com/iamcanturk/mergenflow

Erklig — Mighty Backdoor Analysis Engine

2025 →

github.com/iamcanturk/erklig

EĞİTİM & SERTİFİKALAR

Management Information Systems — BSc

2017 — 2022

Sivas Cumhuriyet University

Activities and societies: Cumhuriyet University Cyber Security Society.

Web Design and Coding — Associate Degree

2020 — 2023

Anadolu University

Anadolu University Open Education Faculty.

Computer Programming — Associate Degree

2016 — 2018

Uludağ University

Activities and societies: Uludağ University Aviation Society (UHAVK).

Advanced Entrepreneurship Training

Jul 2022

KOSGEB · Certificate

Traditional Entrepreneurship Training

Jul 2022

KOSGEB · Certificate

CyberOps Associate

Feb 2022

Cisco · Certificate

Fundamentals of SOC analysis: monitoring, incident response and threat analysis.

CCNA: Introduction to Networks

Jan 2022

Cisco · Certificate

NDG Linux Unhatched

Nov 2021

Cisco Networking Academy · Certificate

Introduction to Cybersecurity

Oct 2021

Cisco · Certificate

English — Pre Intermediate / B1

Sep 2021

YDS Academy · Certificate

Building Websites with Laravel

Feb 2020

Istanbul Business Institute · Certificate

Credential ID: 0902010290022

YETKİNLİKLER

Software Development

PHP · Laravel · TypeScript · Go
· MySQL

Brand & Corporate Identity

Logo · Brand Identity · Social
Media · UI/UX

Cyber Security

OWASP Top 10 · SANS 25 · Pentest
· Threat Modeling

KONUŞMALAR & ETKİNLİKLER

Cumhuriyet University Cyber Security Society — Member

2017 — 2022

Sivas Cumhuriyet University

