

BEYZA TAŞCI

Cybersecurity | Information Security

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PROFESSIONAL SUMMARY

I am a Computer Engineering graduate and an Information Security Intern at Beyaz Net, where I gained hands-on experience in penetration testing labs (Kali Linux, Metasploit, DVWA), firewall deployment (pfSense) and Windows Server 2019 administration. I have completed Cisco Networking Academy and IBM SkillsBuild training in threat intelligence, enterprise security and network infrastructure, and I have built secure backends using JWT authentication, RBAC and secure API design. I am looking to start my cybersecurity career at a financial institution, helping protect critical systems and customer data.

PROFESSIONAL EXPERIENCE

Information Security Intern | *Beyaz Net* | [August 2026 – September 2026]

- Reviewed the security solutions used in the organization's IT infrastructure and studied how they work together to protect systems and data.
- Practiced offensive security techniques in a controlled lab using Kali Linux and Metasploit against the intentionally vulnerable DVWA application, identifying and exploiting common web application vulnerabilities (OWASP Top 10 categories).
- Installed and configured a pfSense firewall to work with traffic filtering and network perimeter security concepts.
- Installed and configured Windows Server 2019 in a lab environment, gaining hands-on experience with server administration fundamentals.

TECHNICAL SKILLS

Security & Penetration Testing: Kali Linux, Metasploit, DVWA, Web Application Security (OWASP Top 10), Vulnerability Assessment Fundamentals, Threat Intelligence & Hunting, Cyber Resilience

Networks & Systems: pfSense Firewall, Windows Server 2019, TCP/IP, Cisco IOS, Cisco Packet Tracer, Nginx API Gateway

Secure Development: JWT Authentication, RBAC, Secure API Design, Python, Java, SQL, JavaScript, Bash Scripting

Cloud & DevOps: Docker, AWS (EC2), Prometheus, Grafana, Git/GitHub

Core Concepts & Databases: Object-Oriented Programming (OOP), Software Design Patterns, Data Structures, PostgreSQL, Redis, Firebase

RELEVANT PROJECTS

E-Commerce Microservices API & Cloud Infrastructure | *Python, Flask, Redis, PostgreSQL, Docker, AWS, Nginx*

GitHub: github.com/beyzaatascii/mini-ecommerce-api.git

- Integrated token-based JWT authentication and role-based access control (RBAC) for secure access to a scalable microservices backend.
- Configured Nginx API Gateway for controlled request routing and hardened service exposure across containerized components hosted on AWS EC2.
- Set up real-time infrastructure and application health monitoring using Prometheus and Grafana to support incident visibility.

Graduation Capstone: Cyberbullying Detection in Turkish Social Media Texts | *Python, Transformers, Machine Learning*

- Researched and built NLP/ML models to automatically detect harmful and abusive content in Turkish social media text, a content-safety and platform-abuse detection use case.
- Benchmarked Transformer models (BERT-Turk, ConvBERT-Turk, DistilBERT-Turk) against 9 traditional ML classifiers for detection accuracy.

Hotel Reservation System — Database Management System | *SQL, Relational Database*

- Enforced data integrity and access control logic using Stored Procedures, Triggers, and Functions within a normalized relational schema.

CERTIFICATIONS & CREDENTIALS

Cybersecurity & Threat Intelligence

- CyberStart 2.0 (Advanced Level) — Kodluyoruz & IBM SkillsBuild (July 2026)
- Enterprise Security in Practice — IBM (June 2026)
- Getting Started with Threat Intelligence and Hunting — IBM (June 2026)
- Siber Vatan Certificate of Participation — Republic of Türkiye Ministry of Industry and Technology (June 2026)
- Introduction to Cybersecurity — Cisco Networking Academy (January 2026)
- Digital Safety and Security Awareness — Cisco Networking Academy (February 2026)

Networking & Hardware Systems

- Network Technician Career Path — Cisco Networking Academy (February 2026)
- Exploring Networking with Cisco Packet Tracer — Cisco Networking Academy (August 2026)
- Getting Started with Cisco Packet Tracer — Cisco Networking Academy (August 2026)
- Computer Hardware Basics — Cisco Networking Academy (June 2026)

EDUCATION

Yalova University — Yalova, Turkey | *B.S. in Computer Engineering, GPA: 3.26 / 4.00*

- Completed 1-Year Intensive English Preparatory Program

LANGUAGES

English: Upper-Intermediate (B2+) | Turkish: Native