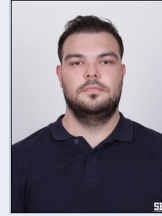


MEHMET PALAK

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SUMMARY

I am a third-year Management Information Systems (English) student at Istanbul Topkapı University. I am focused on gaining hands-on experience in cybersecurity, penetration testing, and red teaming; I carry out security tests with tools such as Burp Suite, Nmap, and John the Ripper, and apply this knowledge in independent projects. I also build web and AI-based products, turning my ideas into fully working, end-to-end systems.

WORK EXPERIENCE

Part-Time Front-End Web Developer, Codetic Agency

February 2026 - April 2026

- Built dynamic and high-performance web interfaces using modern web technologies.
- Improved the user experience by updating the front end of existing systems.
- Optimized the frontend infrastructure in line with secure coding principles.

Customer Service Intern, 1000 Yatırımlar Holding

June 2025 - September 2025

- Provided English-language support to international customers, handling an average of 160 emails per day with fast, solution-oriented communication.
- Identified chronic problems and system issues that negatively affected the customer experience and reported them to the relevant teams.
- Helped sustain customer satisfaction by resolving disruptions in user processes.

Maintenance & Repair Worker, 1000 Yatırımlar Holding

July 2024 - August 2024

- Took an active role in disassembling an average of 15-25 field vehicles and painting/repairing 30-40 devices per day.
- Completed maintenance processes quickly and smoothly through in-team coordination.

Vice President, Artificial Intelligence (YAZEK) Club

December 2024 - November 2025

- Led the planning of the club's technical events, seminars, and organizational processes.
- Coordinated communication with university management and stakeholders to manage collaborations.

EDUCATION

Management Information Systems (English), Bachelor's Degree

June 2023 - Present

Istanbul Topkapı University | GPA: 3.35 / 4.00

PROJECTS

JARVIS - Personal AI Assistant, Independent Project

In Active Development

A long-term personal AI assistant that aims to unify AI, system automation, software development, and cybersecurity under a single secure infrastructure; a modular system that can plan tasks, use tools in a controlled way, and verify its own results.

- Modular architecture: new capabilities are added without rewriting the core; models, tools, and services can be swapped as needed.
- Local-first design: sensitive data stays on the device as much as possible, and cloud models are used only when needed and in a controlled way.
- Roadmap: software development/debugging support, authorized pentest/bug bounty workflows, computer automation, voice interaction, and a controlled multi-agent workspace.
- Technologies: Rust, Tauri, SQLite, RAG, local/remote model integrations.

Jury Assistant - Artificial Intelligence, T3 Foundation AI Creathon (Team Member - Full-Stack Developer)

2025

A platform built as a team to evaluate competition applications in a more organized, traceable, and decision-supported way; I developed the frontend, the backend, and the jury dashboard.

- AI-supported evaluation: KPI-based scores, rationales, strengths/areas to improve, and risks are presented meaningfully on the jury screen.
- Jury and competition operations: competition, category, project, jury score, and ranking processes are brought into a single workspace with comparison and reporting flows.
- Technologies: Astro, React, Rust/Axum, PostgreSQL, AI evaluation integrations.

ByTakTakı & TakıSeç - E-Commerce System, Independent Project

In Active Maintenance

A dual-brand e-commerce system I built from scratch — without an off-the-shelf platform — for the wholesale brand ByTakTakı and the retail brand TakıSeç, running on a single codebase and admin panel.

- Single management hub: product addition/editing, bulk updates, campaign management, and order statuses were unified in one admin panel.
- Two brands, one codebase: wholesale and retail experiences run on the same architecture, separated by brand and pricing needs.
- SEO & GEO: dynamic product metadata, structured Product data, and automatic sitemap/robots generation for search-engine visibility; actively maintained for months.
- Technologies: Next.js, React, TypeScript, Tailwind CSS, Firebase.

ADDITIONAL INFORMATION

- Technical Skills:** C, C++, Java, JavaScript, Python, HTML/CSS, Linux, Web penetration testing, OSINT
- Tools:** Burp Suite, OWASP ZAP, Nuclei, FFUF, Gobuster, SQLMap, Amass, Subfinder, HTTPX, Nmap, Wireshark, Metasploit, John the Ripper
- Project Experience:** Rust (Axum, Tauri), TypeScript, React, Next.js, Astro, Tailwind CSS, PostgreSQL, Firebase, RAG and local/remote model integrations
- Languages:** English, Turkish
- Certificates:** Kodluyoruz with IBM - Cyberstart, Cybersecurity Fundamentals with IBM, Bug Bounty Web Application Security, Google Cloud Training, Ethical Hacking
- References:** Asst. Prof. Ergün Eray Akkaya (Istanbul Topkapı University) - 0530 349 86 65 | Prof. Dr. Batuhan Kocaoğlu (Yeditepe University, Dean) - batuhan.kocaoğlu@gmail.com | Ömer Aydın (1000 Yatırımlar Holding) - 0532 551 41 61