Furkan İBİŞ

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EDUCATION

Kirsehir Ahi Evran University	Kirsehir, Turkiye
Bachelor of Engineering, Computer Engineering	*Sep. 2018 – Apr. 2024*

EXPERIENCE

Web Developer Intern — February 2024 – May 2024
Rakort Information Technologies — *Ankara, Turkiye*

- Developing backend systems with FastAPI. Designing CRUD systems for API and database management using PostgreSQL.
- Developing frontend applications with React. Building user interfaces and interactive features using TailwindCSS.
- Designing projects with full CRUD (Create, Read, Update, Delete) operations.

  (React, Tailwind, FastAPI, Postgresql, GIT)

Software Developer Intern — September 2021 – December 2022
Kirsehir Ahi Evran University IT Department — *Kirsehir, Turkiye*

- Web Scraping
- Cabin designs, Network Operations
- Penetration testing activities were carried out to enhance system performance and security.

  (Computer Networking, Python, GNU/Linux, Network Security)

Co-Founder — September 2021 – December 2023
Network and Cyber Security Community — *Kirsehir, Turkiye*

- Presentations and training sessions were held within the community, along with trips for students to gain practical experience. Participation in CTF (Capture The Flag) competitions was also encouraged to enhance cybersecurity skills.

PROJECTS

furkanibis.dev | *Taiwind, React, TypeScript, Next.js, MDX, shadcn/ui, Magic UI* — Sep 2024 – Present

- Personal blog page project

CipherPass | *Python, Tkinder, Cryptography* — Sep 2024 – Oct 2024

- A secure password manager that encrypts sensitive data, allowing only authorized users access.

PeerShare | *Python, TCP Socket, FastAPI, React, TypeScript, Next.js* — Oct 2024 – Present

- Designed a LAN-based server file-sharing system with Python, FastAPI, React, Typescript, and Tailwind CSS; expanding to support WAN servers.

TECHNICAL SKILLS

Programming & Scripting: Python, C, SQL (Postgres), JavaScript, Bash, PowerShell
Security Tools & Frameworks: Metasploit, Burp Suite, Nessus, Nmap, Wireshark, OWASP ZAP, Kali Linux, Nikto, Hydra, John the Ripper, Wireshark, Social-Engineer Toolkit (SET)
Web Development & Frameworks: React, Node.js, Flask, FastAPI
Developer Tools: Git, Visual Studio Code, PyCharm, Postman
Libraries & Technologies: pandas, NumPy, Matplotlib, Scapy, PyCryptodome, BeautifulSoup, Requests, Selenium
Network & System Security: TCP/IP, HTTP/S, DNS, VPNs, Firewalls, IDS/IPS, Proxy Servers, Linux/Unix Security, Active Directory, SIEM Tools
Operating Systems & Distributions: Kali Linux, Parrot OS, Ubuntu, Debian, CentOS, Fedora, Windows (Security Testing), Windows Server, macOS, FreeBSD
Certifications: CEH, CCNA