

Kerem Percin

+90 536 562 62 89 | ✉
keremmpercinn@gmail.com | [in](#) linkedin.com/in/kerempercinn | [github.com/kerempercinn](#)

PROFESSIONAL SUMMARY

Software Engineering student at Bahcesehir University with strong interests in software development, cybersecurity, automation, and infrastructure technologies. Experienced in building personal software projects, working with Linux-based systems, Docker, VPS environments, and financial data analysis applications. Passionate about solving technical problems, learning new technologies, and developing practical solutions through hands-on projects.

EDUCATION

Bahcesehir University
2024 – 2028

Istanbul, Türkiye *Bachelor of Science in Software Engineering*

PROJECTS

BorsaBot – Technical Stock Analysis Platform | *Python, Technical Analysis, Automation*

- Developed a stock analysis platform focused on BIST-listed companies.
- Integrated technical indicators such as RSI, MACD, Bollinger Bands, Moving Averages, and Fibonacci analysis.
- Automated financial data processing and analysis workflows for practical market evaluation.

VPS and Docker Infrastructure Projects | *Linux, Docker, VPS, Networking*

- Deployed and managed multiple services on VPS environments using Linux-based systems.
- Worked with Docker containers, networking configurations, monitoring tools, and automation solutions.
- Configured self-hosted applications and improved hands-on system administration experience.

Formula 1 Reinforcement Learning Research Project | *Reinforcement Learning, AI, Research*

- Designed a conceptual reinforcement learning system for autonomous racing and lap-time optimization.
- Investigated PPO and Deep Q-Learning approaches for decision-making in racing environments.
- Created reward structure ideas focused on speed, stability, and track boundary compliance.

TECHNICAL SKILLS

Programming Languages: Java, C, Bash, Python **Cybersecurity:** Ethical Hacking Fundamentals, Penetration Testing Basics, Network Security Basics **Systems and Tools:** Linux, Docker, VPS Management, Git, GitHub, VS Code, Eclipse **Automation and Infrastructure:** N8N, Server Configuration, Basic System Hardening, Networking Fundamentals

LEADERSHIP AND COMPETITIONS

FIRST LEGO League / FIRST Robotics Competition

- Participated in robotics competitions involving teamwork, engineering design, and problem-solving.
- Gained experience in technical communication, collaborative development, and project-based learning.
- Worked in competitive environments requiring creativity, discipline, and fast adaptation.

CERTIFICATIONS

Ethical Hacking Certification | *Udemy*

- Completed practical training covering cybersecurity fundamentals, penetration testing concepts, networking, and security best practices.

LANGUAGES

Turkish: Native **English:** C1