

NURETTIN ERTUGRUL GULMEZ

Computer Engineer | Software Developer

- **Phone:** +90 507 476 18 13
- **Email:** ertu246@gmail.com
- **Portfolio:** <https://ertugrugulmezcom.vercel.app/>
- **LinkedIn:** [linkedin.com/in/ertugrul-gulmez-9a597a23b](https://www.linkedin.com/in/ertugrul-gulmez-9a597a23b)
- **GitHub:** github.com/ErtugrulGulmez00
- **Credly:** <https://credly.com/users/nurettin-ertugrul-gulmez>
- **Medium:** medium.com/@ertu246

PROFESSIONAL SUMMARY

I graduated from the Computer Engineering (English) department. I gained experience in mobile app development with Flutter, Python-based optimization, and secure software development lifecycles (Secure SDLC). I acquired technical expertise in network security, Linux administration, and cyber incident response within Cisco and Akbank Academy; I am currently advancing my competence in Cisco CyberOps operations. I prepared technical documentation on Medium and actively contributed to community knowledge-sharing processes.

TECHNICAL SKILLS

- **Mobile & Web Development:** Flutter (Advanced), React Native, TypeScript, Dart, HTML5, CSS3, JavaScript, Firebase, Supabase, Android.
- **Network & Security Tools:** Cisco Packet Tracer (Network Design), Wireshark, Nmap.
- **Cybersecurity & SOC:** Network Security (CCNA), CyberOps Methodologies, Linux Hardening, Incident Response, Penetration Testing.
- **Programming & Data:** Python, SQL Database Management, RESTful API Integration.
- **Artificial Intelligence:** Reinforcement Learning (PPO), PyTorch, NumPy.

PROFESSIONAL SKILLS

- **Methodologies:** Agile (Agile/Scrum) Methodologies, Software Development Life Cycle (SDLC), Project Management.
- **Operational:** Customer Relationship Management (CRM), Technical Sales and Negotiation, Requirements Analysis.
- **Standards:** Applied Quality Management (ISO 9001) and Occupational Health and Safety (ISO 45001) principles.
- **Tools:** Git Version Control System, Linux (Ubuntu/Debian), MS Office Suite.

WORK EXPERIENCE

Freelance Software Developer | 2021 – Present

- Developed customized websites and Flutter & TypeScript-based mobile applications for corporate and individual clients; managed all sales and delivery processes.
- Provided end-to-end technical solutions, market analysis, and post-sales technical support based on user requirements analysis.

Kekik Technology | Software Engineer Intern | 2023 – 2024

- Developed user-centered mobile application interfaces using Flutter framework and performed performance optimizations.
- Ensured seamless data flow with RESTful API integrations and managed complex debugging processes.
- Actively participated in Agile teams and coordinated within the team using project management tools.

FEATURED PROJECTS

- **OtoBütçem (Mobile Application):** Developed a premium mobile budget management application using React Native and TypeScript, allowing vehicle owners to easily manage budget tracking, fuel consumption, and periodic maintenance.
- **Ritim5: Namazmatik (Mobile Application):** Developed a community-focused mobile application integrated with Flutter and Supabase, featuring prayer time tracking, user statistics, and Islamic content, active on the Play Store.
- **Ehlio (Mobile Application):** Developed an enterprise mobile and web platform featuring animated traffic scenarios and practice exams to streamline candidate preparation for driving school exams.
- **HUMO (Mobile Application):** A scalable mobile platform featuring a high-security authentication system, developed with Flutter and Firebase.
- **Enterprise Network Security Simulation:** Designed a secure network on Cisco Packet Tracer with VLAN segmentation, ACL rules, and Port Security configuration.
- **Network Traffic Analysis Lab:** Conducted security audits on packet capture, protocol analysis, and anomalous traffic detection using Wireshark.
- **Dino Game RL:** Developed an AI project utilizing PyTorch and the PPO algorithm to enable an agent to learn the game autonomously.

CERTIFICATIONS

- **Cisco CyberOps Associate Training** – Cisco Networking Academy (Cert ID: 87a40eed-50fb-4dde-9300-242d7a4727a3).
- **CCNA: Introduction to Networks** – Cisco (March 2026) | Cert ID: c10ff057-fa0b-4be9-ac54-1c758cbe3cd0.
- **Introduction to Cybersecurity** – Cisco (February 2026).
- **Linux Unhatched** – Cisco Networking Academy (February 2026).
- **Cybersecurity 101** – Akbank Youth Academy & Microfon (October 2025).
- **ISO 9001:2015 & ISO 45001:2018** – Quality and Occupational Health & Safety Management Systems.
- **Berqnet Cybersecurity Certificate** | Certificate Code: NVIS80-CE006004.
- **EFSET English Certificate (B2 Level)** | Qualification ID: qMLlak.
- **Git Version Control Systems** | Qualification ID: ax1hD90XDd.

EDUCATION

- **Adana Alparslan Türkeş Science and Technology University**
 - **Computer Engineering (English)** | 2020 – 2025.
 - **School of Foreign Languages (English Preparatory School)** | 2019 – 2020.
- **Hikmet Kiler Science High School** | 2014 – 2018.

LANGUAGES

- **Turkish:** Native.
- **English: B2 (Upper Intermediate)** – Technical Communication and Academic Preparation Education.

REFERENCES

References will be gladly provided upon request.