

EMRE ARINÇ

IT & Software Development Specialist | Cybersecurity-Oriented Technology Professional



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PROFESSIONAL SUMMARY

Extensive technical experience has been gained in IT infrastructures, network administration, software development, R&D projects, and process automation. Comprehensive work has been conducted in core IT operations, including system administration, Active Directory, Windows Server, backup structures, and network configuration. Additionally, software development within R&D environments, customization of SQL-based ERP modules, mobile application development, and AI-assisted process automation have been carried out.

Although professional experience in cybersecurity is limited, a strong foundation has been established through a background in IT infrastructure and network administration. For this reason, continuous learning efforts are in progress in SOC workflows, basic security tools, log analysis, network security fundamentals, and modern security protocols, and technical competencies in these areas are actively being improved.

Analytical thinking, rapid adaptation, and problem-solving capabilities have contributed to effective performance in multidisciplinary technical environments. This background is considered suitable for transitioning into entry-level cybersecurity roles such as SOC Analyst, IT Security Support, or Network/Security Technician positions. A strong motivation is maintained to specialize in information security with a continuous learning mindset.

AREAS OF EXPERTISE

IT System Administration: Windows Server, Active Directory, GPO, Backup Management, Veeam, VMware ESXi

Cybersecurity (In Progress): Fundamental Cybersecurity Principles, Log Analysis, SIEM Concepts, SOC Workflows, Security Policies, Basic Network Security, Identity & Access Management

Network Administration: Routing & Switching, TCP/IP, VLAN, DHCP, DNS, NAT, Port Security, Troubleshooting

Software Development: Flutter, Dart, Python, SQL, SQLite, API Development, No-Code/Low-Code Development, Firebase

R&D and Project Development: TÜBİTAK Projects, ERP Module Development, UI/UX Design, Testing & Documentation

Other Technologies: Git, GitHub, WordPress, Adobe Photoshop, Adobe Premiere Pro

PROFESSIONAL EXPERIENCE

Software Development Specialist | Tekaydınlar Otomotiv | Bursa, Türkiye | 01/2023 – 08/2025

- Software development processes were carried out within TÜBİTAK-supported projects (voice command system and electric vehicle technologies).
- SQL-based ERP modules were developed; error analysis, improvements, and performance optimizations were completed.
- Internal workflow digitization was supported by developing corporate request-management software.
- Mobile application prototypes, data-processing models, and UI/UX components were implemented.
- AI-driven automation solutions were created; internal AI training sessions were delivered.
- Project documentation, test scenarios, and technical reporting were completed.

IT System Specialist | Tekaydınlar Otomotiv | Bursa, Türkiye | 01/2022 – 01/2023

- The company's network and system infrastructure were established and managed.
- Windows Server, Active Directory, and role/user management processes were executed.
- Security policies, firewall configurations, and backup mechanisms were maintained.
- Hardware and software support requests were resolved, ensuring operational continuity.
- System-related risks were analyzed and data integrity was preserved.

Social Media Specialist (Freelance) | 01/2020 – 01/2022

- Website management, SEO activities, social media content creation, and digital marketing were performed.
- Video editing, graphic design, and content planning processes were executed.

EDUCATION

Manisa Celal Bayar University

Associate Degree – Computer Programming | 09/2019 – 10/2021

PROJECTS

PasGeç (Mobile Taboo Game) | 2025

- The full development lifecycle of an offline Flutter-based word game was carried out.
- SQLite-based data architecture was designed; game logic, scoring systems, and word-management modules were implemented.
- UI/UX components were designed with a focus on user experience and optimized accordingly.
- Testing, debugging, performance enhancement, and Google Play release processes were completed.

TÜBİTAK Voice Command Project | 2023 – 2024

- Software development tasks were executed for a voice-controlled system within the R&D department.
- User interface (UI/UX) was designed, backend modules were developed, and command–action flows were structured.
- Data-processing functions, command verification mechanisms, and debugging processes were completed.
- Project documentation, test scenarios, and functional requirement outputs were prepared.

TÜBİTAK Smart Range Electric Vehicle Project | 2024 – 2025

- Software components of the electric vehicle range optimization system were developed.
- Sensor data processing, range-prediction support functions, and UI prototypes were implemented.
- Technical requirement analysis, testing, and error-handling processes were executed.
- R&D reporting, application outputs, and software documentation were completed.

ERP Module Development – Tekpolymer | 2023 – 2024

- ERP developments were carried out for production planning, cost calculation, and customer management modules.
- SQL-based data structures were designed and customized according to user requirements.
- Workflow analysis was conducted and automation-driven process improvements were implemented.
- Error detection, optimization, and sustainability-focused enhancements were performed.

CERTIFICATIONS

- CCNA – Cisco Certified Network Associate | DataHouse | 02/2024
- VMware vSphere ICM v8 | DataHouse | 02/2024
- Veeam Backup & Replication v12 | DataHouse | 02/2024
- Microsoft System Expertise | DataHouse | 02/2024
- ISO 26262 Functional Safety | Optival | 09/2023
- Advanced Network Technologies | BTK Academy | 04/2023
- Fundamental Network Technologies | BTK Academy | 09/2022
- CCNA Routing & Switching – Introduction to Networks | Cisco | 08/2017
- CCNA Routing & Switching – Basic Concepts | Cisco | 10/2017
- CCNA Routing & Switching – Scaling Networks | Cisco | 03/2018

TECHNICAL SKILLS

- **Network Technologies:** Routing, Switching, TCP/IP, VLAN, VPN, DHCP, DNS, NAT, Firewall Management
- **System Administration:** Windows Server, Active Directory, Group Policies, Backup Structures
- **Security:** Network Security, System Security, Log Analysis, Access Management
- **Software:** Flutter, Dart, Python, SQL, SQLite, API Development
- **Tools:** VMware, Veeam, Git, GitHub, Firebase
- **Other:** UI/UX Design, WordPress, Adobe Photoshop, Video Editing

PERSONAL COMPETENCIES & WORK APPROACH

- **Analytical Thinking:** Systematic analysis and resolution of technical problems were performed.
- **Adaptability & Learning Agility:** New technologies were adopted quickly and effectively.
- **Process Orientation:** Workflows were analyzed, and automation-focused improvements were implemented.
- **Responsibility:** Project requirements were fulfilled accurately and on time.
- **Team Collaboration:** Effective cooperation was maintained with multidisciplinary teams.
- **Communication:** Technical information was conveyed clearly and professionally.
- **Security Awareness:** Data privacy, access control, and system integrity were consistently maintained.

LANGUAGES

Turkish: Native

English: Basic (actively improving)