

**EMRE KASAP Full-Stack Software Engineer & AI Integrator** Kasap40534@gmail.com |   
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**PROFESSIONAL SUMMARY** Performance-driven Software Engineer with a strong foundation in C# / .NET architecture (MVC & Web API) and cross-platform mobile development (Flutter). Adept at building scalable Geographic Information Systems (GIS) and automating complex workflows. Uniquely skilled in bridging the gap between traditional automation and Artificial Intelligence by integrating NLP and voice-recognition models into web applications. Proven problem-solver with a track record of delivering high-impact solutions, including a federally approved healthcare pre-diagnosis system (TÜBİTAK 2209-A). Dedicated to crafting seamless, secure, and modern user experiences using PWAs and responsive front-end technologies.

### CORE TECHNICAL SKILLS

- **Backend & APIs:** C#, .NET Core, ASP.NET Core MVC, RESTful API Design, Entity Framework Core.
- **Frontend & Mobile:** JavaScript, jQuery, Bootstrap 5, PWA (Progressive Web Apps), Flutter, Dart.
- **Databases & GIS:** MS SQL Server, PostgreSQL, Firebase, GeoServer, Spatial Data Processing.
- **AI & Cloud Deployments:** NLP Integration, Voice/Menu Recognition Model Training, n8n, Docker, Google Cloud Platform (GCP).
- **Tools & Methodology:** Android Studio, Git, Postman, Agile, Layered Architecture.

### PROFESSIONAL EXPERIENCE

#### AI & Cloud Integration Engineer | Cloud Nesil Yazılım [Month, Year] – [Month, Year]

- Designed and orchestrated dynamic, context-aware AI chatbot solutions using advanced NLP models.
- Deployed automated workflows using n8n and containerized the environment via Docker on Google Cloud Platform (GCP) for maximum scalability.

#### .NET Developer | Lider Yazılım [06, 2025] – [12, 2025]

- Architected a comprehensive web-based map viewing platform (Geographic Information System) using ASP.NET Core MVC and robust RESTful APIs.
- Integrated GeoServer to process, render, and manage complex spatial data (island and parcel information) with high accuracy.
- Optimized spatial queries on MS SQL Server to ensure fast loading times for large-scale geographic datasets.

### **Mobile Application Developer | NWM Mühendislik [Month, Year] – [Month, Year]**

- Designed and developed a cross-platform mobile application providing dynamic district-level information and local services using Flutter and Android Studio.
- Utilized Firebase for real-time database management, secure user authentication, and seamless data synchronization.

### **KEY PROJECTS**

#### **KADİS (Gynecology Clinical Decision Support System) | TÜBİTAK 2209-A Approved Project**

- Conceptualized and developed an AI-backed clinical pre-diagnosis support system designed specifically for women's healthcare clinics.
- Successfully presented the project architecture and clinical value, securing the prestigious TÜBİTAK (Scientific and Technological Research Council of Türkiye) 2209-A research grant.
- Integrated intelligent algorithms to process patient inputs, optimizing early diagnosis workflows for medical professionals.

#### **Smart Restaurant & POS Automation | C#, MVC, PWA, AI Voice Recognition**

- Engineered a full-scale restaurant and butcher management automation system featuring B2B/B2C tracking, accounting, and inventory modules.
- Trained and integrated a custom AI voice-recognition model capable of identifying menu items and processing orders via voice commands.
- Converted the platform into a Progressive Web App (PWA) with a custom touch-keyboard interface, enabling seamless use on POS terminals and mobile devices without App Store deployment.

### **EDUCATION & LEADERSHIP**

#### **Selcuk University | B.Sc. in Computer Engineering | Expected: 2026**

- **Relevant Coursework:** Web Development, Database Management Systems, Software Engineering Patterns, Data Science, Computer Architecture.

#### **Software Development Community (Selcuk University) | Vice President | 2024 – Present**

- Co-leading technical initiatives, organizing workshops on modern software development, and bridging the gap between engineering students and the tech industry.