

Yılmaz SAYIN

Junior Software Engineer

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👤 Profile

I am a Computer Engineering graduate from Süleyman Demirel University who enjoys learning new things and turning ideas into real projects. I am passionate about software development and emerging technologies, always looking for opportunities to improve myself. I enjoy working with others, taking responsibility, and adapting to new challenges.

🎓 Education

Süleyman Demirel University, Isparta - Computer Engineering

- GPA: 3.20 / 4.00
- 2022 - 2026

🗣 Languages & Interests

- English: B1 (Intermediate)
- Guitar instruction, chess, hiking

💼 Professional Experience

Süleyman Demirel University - Department of Computer Engineering (Software Engineering Intern) 06/2026 - 07/2026

- Developed an AI-powered language model prototype and integrated it into a web application, working across model training, backend development, API security, and containerization.

Süleyman Demirel University - Health, Culture and Sports Department

11/2025 - 05/2026

- Supported data management, reporting workflows, and the organization of administrative records to improve information handling and routine process coordination.

Türk Telekom (Technical Intern)

08/2025 - 09/2025

- Examined the operating principles and maintenance procedures of telecommunications network equipment.
- Gained practical exposure to hardware components, device integration, and technical operations in large-scale telecommunications systems.

Süleyman Demirel University - IT Department (Software Unit)

03/2025 - 06/2025

- Contributed to software development activities and website design within the university's IT department.

⚙ Projects

AI-Powered Language Model Web Application | Technologies: PyTorch, FastAPI, Docker

- Developed a Transformer-based NLP model using PyTorch and BPE tokenization; enabled authenticated model inference through a FastAPI service with JWT authentication, rate limiting, and input validation, then integrated a JavaScript frontend and containerized the application with Docker.

Coffely - Café and E-commerce Web Application | Technologies: MongoDB, REST APIs

- Developed a web application for menu, order, and user management; implemented MongoDB-backed data handling and authentication, separating frontend and backend components through asynchronous RESTful APIs to improve modularity and maintainability.

Voice-Enabled Reading and Pronunciation Tracking Platform | Technologies: Python, Speech API

- Developed a Python-based educational platform to automate reading assessment; integrated speech recognition and DOCX processing to identify and highlight pronunciation errors in real time, generating accuracy statistics and progress reports.

🔧 Technical Skills

Programming & Data

- Python, JavaScript, SQL, Pandas, NumPy, Matplotlib

AI & Backend Development

- PyTorch, FastAPI, NLP, REST APIs, JWT, HTML/CSS

Databases & Tools

- MongoDB, MySQL, Git, Docker, Postman, Jupyter Notebook

🤝 Volunteering

Google Developer Groups (GDG)

- Coordinated web development activities, contributed to organizing technical workshops and developer events, and provided technical guidance to community members.