

# Ali Güneş

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## Skills

**Languages:** .NET, Java, Python, Dart, C, TypeScript

**Database:** MySQL, MongoDB, PostgreSQL, SQLite, Redis

**Web Frameworks:** ASP.NET, Spring Boot, Node.js, Next.js, React, Django

**Scientific Computing:** Numpy, Pandas, Matplotlib, Scikit-Image

**Tools & Platforms:** Git, Docker, RabbitMQ, Kafka, Elasticsearch, SonarQube, AppDynamics

## Experience

**Software Developer**, ATP – Istanbul, Türkiye 2022 – Present

- Designed and maintained microservices architecture to improve scalability of carrier tracking and order systems; developed RESTful APIs and used Docker/Kubernetes for deployment automation.
- Led integration of ATP Zenia order process with food delivery platforms including YemekSepeti, Trendyol, Getir, and Migros.
- Spearheaded the conceptualization, design, and execution phases of SmartBox, a food container first in industry, collaborating closely with managers, audit teams, security teams, and DevSecOps to identify requirements and challenges.
- Modernized legacy .NET Framework apps by migrating to .NET Core, enhancing performance and reducing errors.
- Implemented ELK stack for monitoring and logging, improving issue detection; conducted code reviews to maintain code quality and best practices.

**Transmission Network Intern**, Turkcell – Istanbul, Türkiye 2021 – 2021

- Coordinated with Network Engineers for planning of radio link bases and access points for a refugee camp near the Gaziantep-Syria border, incorporating rain event analysis to improve LTE reliability.
- Automated mapping of 3,500+ network stations for Southwest Türkiye; co-developed and presented AI-driven app Socials to Turkcell CXOs, placing 4th in company competition.

**Engineering Intern**, Mondi Group – Istanbul, Türkiye 2021 – 2021

- Coordinated continuous improvement initiatives, developing production efficiency flowcharts, attempting to implement Six Sigma methodology, and leveraging computer vision with machine learning to reduce on-site production defects.

## Projects

**Saydam Emek (Transparent Labour) – Personal Project** saydamemek.com

- Developed a full-stack salary transparency platform using React (Vite), Express.js, and PostgreSQL with Prisma ORM, enabling anonymous salary submissions and trust-based voting to foster data reliability. Implemented a secure, scalable RESTful API featuring comprehensive validation, authentication, and robust error handling. Applied clean architecture principles and middleware patterns to ensure maintainability and performance in a real-world production environment.

**Planning Poker – Personal Project** github.com/ali-gunes/planning-poker

- Developed a real-time Planning Poker app using Next.js, TypeScript, and Tailwind CSS with WebSocket (PartyKit) for synchronous team estimation, featuring interactive team character cards and Redis persistence.
- Implemented comprehensive room management with owner controls, multiple customizable voting systems (Fibonacci, Days, Hours, Yes/No), automated consensus detection, and responsive design for seamless desktop and mobile use.

**Duel of Champions – Blockchain Smart Contract** github.com/ali-gunes/near-doc

- Successfully implemented a decentralized combat game on the NEAR blockchain using Rust smart contracts and AssemblyScript for frontend integration; designed game logic, token economy, and ensured transparency and security through blockchain immutability.

**Image Manipulator – Academic Project** github.com/ali-gunes/image-manipulator

- Developed an image manipulation tool using NumPy, SciKit-Image, and Matplotlib, implementing algorithms for conversion, segmentation, and edge detection; designed an intuitive desktop user interface with PyQt5 to optimize user experience.

## Education

**Eskisehir Osmangazi University** – B.Sc. in Electrical & Electronics Engineering

2025