

Metehan Yıldırım

BACKEND DEVELOPER

CONTACT INFORMATION

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PERSONAL PROFILE

Backend Developer specializing in Python and Django REST Framework, with experience in API development, PostgreSQL data modeling, and performance optimization for large-scale SaaS applications. I have worked on systems with 15+ modules and 10+ user roles, supporting over 35,000 monthly shipments.

As a freelancer, I have developed backend services using Django and frontend applications with Next.js and TypeScript. I actively use NumPy, Pandas, and LLM-based tools to accelerate data processing and development workflows, and I collaborate effectively within Agile teams.

WORK EXPERIENCE

BACKEND DEVELOPER (Python / Django)

40 Ayak Lojistik Bilişim Hizmetleri – TMS / SaaS Müşteri Projeleri: CBN Lojistik

08/2024–12–2025

Planning, Load, and Order Management

- I managed total volume/weight calculations for plans by developing planning APIs covering multi-point routes, intermediate stops, and in-plan loads.
- I ensured data consistency by designing backend flows that manage the relationships between load (origin–destination, pallet, volume, weight, foreman) and order tables.

Formen and Operational Processes

- I reduced field-related errors by automating operational processes based on form data (scale measurements, barcode scanning, weight/volume).

RESTful API Design and Backend Architecture

- I developed services that combine data from different sources into single endpoints using RESTful API design, API orchestration, and backend aggregation patterns.
- I created backend flows compatible with microservice architectures, service-to-service communication, and the API Gateway approach.

Excel, SAP TM, and External Data Sources

- I managed planning and revision processes by developing backend processes that automatically process thousands of lines of data from external systems such as SAP TM and Excel.

Performance, Data, and ORM Optimization

- I improved API response times by optimizing queries and data modeling on PostgreSQL and Django ORM.
- By automating operational workflows, I reduced manual processing by over 40%, cut data processing times by over 30%, and decreased data inconsistencies by up to 50%.

Caching and Performance Approaches (Redis)

- By applying Redis's logic for caching and performance enhancement, I enabled frequently accessed data to be served from memory.

CI/CD, DevOps, and Teamwork

- I developed sustainable backend solutions using CI/CD pipelines, Docker containerization, pytest-based tests, and code quality tools (Black, isort, Ruff, pre-commit).
- I took responsibility for deploying critical modules used in the live environment, working closely with product, operations, UI/UX, and QA teams.

Freelance Web Developer

Full-Stack Developer

2023–2026

- I developed backend services using Django Rest Framework.
- I created modern and high-performance web interfaces using Next.js and TypeScript.
- I worked in API design, data processing, and data modeling on PostgreSQL.
- I developed backend solutions focused on performance and scalability.
- I accelerated development and analysis processes using NumPy, Pandas, and LLM-based tools.
- I provided end-to-end project management by analyzing customer needs.
- I standardized project processes by creating technical documentation.
- I delivered comprehensive software solutions by playing an active role in the design, development, and delivery phases.

EDUCATION

Dokuz Eylül Üniversitesi

Kimya 2018–2023 (Eğitime Ara Verildi)

Isparta Uygulamalı Bilimler Üniversitesi

Bilgisayar Programcılığı (Uzaktan) 2024–2027

REFERENCES

Deniz Cihan Tiryaki

Telefon: 0534 071 33 53

Can Göktaş

Telefon: 0545 635 65 50

SKILLS

- Python
- Django/ Django REST Framework
- RESTful API Design
- NumPy
- Pandas
- PostgreSQL
- CI/CD
- Testing (pytest)
- Code Quality & Linting (Black, isort, Ruff)
- Pre-commit Hooks
- React
- Next.js
- TypeScript