



ONUR ARIKAN

Software Developer

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I am a Software Developer with **3 years of experience**, seeking a role in IT with a Poland-based company. I hold a long-term work permit, work visa and live in Gdynia. Proficient in Python, Django, and PostgreSQL, with hands-on experience in designing and optimizing RESTful APIs. My strong personal connection to Poland makes me committed to building my future here. I am continuously improving my Polish language skills (B1/B2), and I bring adaptability, effective communication, and a strong team-oriented mindset to every project.

WORK EXPERIENCE

Application Programmer 2025 April - present
Euro-Projekt Grzegorz Latecki, Gdańsk, Poland

Technologies: Python, Dynamo

- Wrote automation scripts using Python for engineering programs like Dynamo to streamline repetitive tasks and improve design workflows.
- Collaborated with engineering team to develop custom solutions that enhance productivity and ensure consistency across project deliverables.

Software Developer 2024 September - 2025 April
TechNarts, Ankara, Turkey

Technologies: Python, Django, Django REST Framework, Redis, RabbitMQ, Kafka, Docker, Channels, React.js, Rancher, PostgreSQL

- Worked on Django and REST API to support device communication, configuration, and data retrieval.
- Utilized background tasks with Redis, RabbitMQ, and Kafka to handle asynchronous data processing and event handling.
- Assisted in managing containerized environments using Docker and Rancher, and maintained PostgreSQL for structured device and log data.
- Maintained a Network Management System (NMS) for real-time monitoring, alarms, logs, and remote updates of fuel station devices.

Software Developer 2024 February - 2024 September
MRC Türkiye, Ankara, Turkey

Technologies: C#, Python, WinForms

Developed Python software to analyze annual benchmark data and generate KPI reports for electricity distribution companies. Built a Spatial Load Forecasting (SLF) application using C# and WinForms, implementing verification algorithms to ensure data accuracy. Designed and executed imputation strategies for handling missing data in SLF models, improving the reliability and precision of the forecasts.

Backend Developer 2023 May - 2024 January
Parabol, Ankara, Turkey

Technologies: Python, REST APIs, GTFS, Pandas, FastAPI, PostgreSQL

Designed and implemented backend solutions to optimize public transportation using GTFS data. Developed algorithms for route-based stop generation and origin-destination analysis, created RESTful API endpoints for seamless data access. Built backend architecture with FastAPI.

Python Instructor 2023 March - 2023 December
Kodland, remote, Turkey

Python instructor at the online classes, taught programming fundamentals and guided students to build their own games by the course end.

Intern 2022 July - 2022 September
MBS Systems s.c., Elbląg, Poland

Wrote unit tests in Python for Django models. Gained experience in foreign work environment.

Intern 2021 July - 2021 September
Netaş Telecommunication Inc., Ankara, Turkey

Wrote end-to-end tests in JavaScript for Export Control System in Gherkin, using Cucumber.JS and Node.JS

PROJECTS

Formula 1 Fantasy League: Turkey's first online Formula 1 guessing game in Django, requiring budget management and strategy skills, played by hundreds of people. <https://formula1turkiye.pythonanywhere.com/>

Formula 1 Elo Project: The analysis of 75 years of Formula 1 qualifying data using Python's Pandas library and Elo system, in order to rank all the F1 drivers in history by their scores against the other drivers. <https://tinyurl.com/formula1turkiye/pages/elo/#en>

SPLENDID: An intelligent multiplayer board game system for Splendor using Django and Channels, featuring real-time gameplay, AI mode, modern authentication, and Elo-based matchmaking. <https://senior.ceng.metu.edu.tr/2024/SPLENDID/>

TECHNICAL SKILLS

Languages: Python, SQL, C, C++, C#, Java, JavaScript, TypeScript, HTML/CSS
Frameworks: Django, REST Framework, Django Channels, FastAPI, Flask, React, Bootstrap5
Libraries: Pandas, NumPy, Matplotlib, Pygame, JQuery
Developer Tools: Docker, RabbitMQ, Kafka, Rancher, Git, Linux
Databases: PostgreSQL, SQLite, Redis, Database Design

LANGUAGES

English: C2
Turkish: native
Polish: B1
Japanese: A2

EDUCATION

Middle East Technical University, Ankara, Turkey
Bachelor of Science in **Computer Engineering**
Language of studies: English