

Olcay Tercanli

Senior Software Engineer molcaytercanli@gmail.com | olcay.tercanli.com | [LinkedIn](#)

Summary

Software Engineer with over 8 years of experience specializing in Python-focused full-stack development. Expert in architecting cloud-native solutions across AWS and GCP. Significant experience contributing to core open-source ecosystems like **Apache Airflow** and delivering high-concurrency systems for enterprise and FAANG clients.

Skills

- **Languages:** Python, JavaScript, Java, Scala
- **Frameworks:** Django, Flask, aiohttp, React, Play, Spring, Vert.x, Angular.js
- **Infrastructure:** GCP, AWS, Docker, Jenkins, Bash
- **Data & IoT:** Apache Airflow, PostgreSQL, Redis, MySQL, Spanner, MongoDB, Raspberry Pi

Work Experience

EPAM Systems | Software Engineer *Kraków, Poland | Nov 2021 – Present*

Customer: FAANG (Managed Apache Airflow Service)

- **Open Source Contribution:** Part of a core team contributing feature developments and maintenance to the **Apache Airflow** codebase and provider integrations.
- **Cloud Engineering:** Developing full-scale cloud-based products on GCP, adhering to rigorous enterprise standards for global managed services.

Customer: UKG (HR, Payroll & Workforce Management)

- **Knowledge Base Chat Systems:** Engineered high-concurrency chatbot services using **aiohttp** and **Socket.io** (WebSockets) to provide instant access to internal knowledge base resources.
- **Enterprise Tooling:** Developed Django-based HR task management tools and led migration efforts toward GCP infrastructure using Docker for standardized deployment.

Urla Digital Agriculture | Full Stack / IoT Infrastructure Developer *İzmir, Turkey | June 2020 – Oct 2021*

- **IoT Fleet Management:** Developed Python software for **Raspberry Pi** nodes to automate controlled-environment agriculture, managing valves, sensors, and relays.

- **Cloud Pipeline:** Designed a hybrid AWS data pipeline using **Lambda, SQS, SNS, and Kinesis Firehose** for scalable sensor data ingestion and alerting.
- **Remote Operations:** Created a centralized Django dashboard for remote configuration, updates, and control of global IoT devices.

Linovi | Full Stack Developer *Izmir, Turkey | Dec 2017 – June 2020*

- **Platform Migration:** Executed the migration of Google Chat bot integrations from serverless functions to a scalable microservices architecture using **Scala and the Play Framework**.
- **Autonomous Driving Dashboards:** Built and maintained real-time fleet information dashboards for an autonomous driving company using **Java (Vert.x)** and React.
- **SaaS Security:** Contributed to **Asena**, a US-based information security SaaS product, utilizing a Spring Boot backend and a Flask-based ML API layer.

Freelance & Independent Projects | Full Stack Contributor *2017 – Present*

- **SaaS Development:** Built **clevercsv.com**, an AI-integrated SaaS using Django and Vanilla JS, featuring Stripe payments and multi-LLM (OpenAI, Gemini, DeepSeek) API integrations.
 - **Cloud Architecture:** Executed comprehensive AWS deployments including EC2, S3, CodePipeline, and API Gateway for various visual chat and migration projects.
-

Education

Muğla Sıtkı Koçman University | *B.S. in Computer Engineering (GPA: 3.52/4.00)*