

# TOYGAR AKSOY

## PYTHON BACKEND DEVELOPER

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### PROFESSIONAL SUMMARY

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Python Backend Developer with 5+ years of experience building microservices, REST APIs, and distributed systems in high-volume production environments. Recently transitioned into AI evaluation, leading a pod designing and reviewing tasks for tool-using LLM agents across CLI and GUI frameworks. Combines strong backend engineering foundations with hands-on understanding of LLM agent behavior, making for a versatile fit in backend, AI integration, or platform engineering roles.

### CORE TECHNICAL SKILLS

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**Backend Development:** Python, Django, FastAPI, REST APIs, Microservices Architecture

**Containerization:** Docker, Multi-service orchestration, Distributed systems

**Integration & Data:** Apache NiFi, Data Pipelines, E-commerce APIs, High-volume processing

**Testing & DevOps:** Pytest, GitHub Actions, CI/CD, TDD, Unit/Integration Testing

**Specializations:** Legacy System Modernization, Production Debugging, Backend Refactoring

**AI & Evaluation:** LLM Agent Evaluation, Task Design, pyautogui, Terminal-Bench, OS-World

### PROFESSIONAL EXPERIENCE

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#### Senior Software Engineer

Apr 2026 – Present

*EPAM Systems – Remote*

#### Pod Lead – LLM Agent Task Design & Review

Sep 2025 – Present

*Turing – Remote*

- Led a 7-person pod designing and reviewing evaluation tasks for tool-using LLM agents across terminal and desktop environments
- Designed OS-level evaluation tasks using bash and pyautogui, establishing quality standards for deterministic and reproducible test design
- Audited tasks across Terminal-Bench (CLI) and OS-World (GUI) frameworks for evaluator correctness, oracle alignment, and test coverage
- Identified and repaired structurally broken tasks that passed locally but failed in centralized evaluation systems, improving pipeline reliability
- Mentored contributors on task quality and evaluation methodology, directly raising the team's acceptance rate in code review

#### Python Developer

Jun 2024 – Jul 2025

*CloudSigma – Remote*

- Owned and maintained critical microservice managing infrastructure operations in distributed cloud environment
- Designed and implemented core features in FastAPI-based backend serving enterprise clients
- Refactored tightly coupled components into clean service boundaries while preserving business logic
- Built comprehensive testing suite and documentation for system reliability and maintainability
- Collaborated across distributed teams to debug complex distributed system interactions

#### Python/Django Developer

Jul 2022 – Jun 2024

*Akinon – Remote*

- Developed marketplace integrations processing thousands of daily transactions
- Built and optimized high-performance REST APIs for enterprise e-commerce clients
- Designed Apache NiFi data processing workflows for real-time data transformation
- Modernized legacy Django 1.11 systems improving maintainability and performance
- Resolved production issues under strict SLAs as part of agile development team

## Software Engineer

Feb 2022 – Jul 2022

*Plentific – Remote*

- Maintained and extended internal APIs for property management platform serving UK market
- Contributed to ERP system refactoring improving code quality and test coverage
- Developed REST API integrations connecting frontend services with backend systems
- Implemented test-driven development practices improving code reliability

## Python Developer (Contract)

Aug 2020 – Nov 2021

*Independent Client – İstanbul*

- End-to-end development of Django-based business management system for manufacturing client
- Built automated data processing pipelines handling Excel/CSV imports and transformations
- Designed normalized database architecture with complex relationships using Django ORM
- Deployed to production and provided ongoing remote support and maintenance

## TECHNICAL LEADERSHIP & OPEN SOURCE

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### Python Team Lead – Hypance Project

2022–2023

- Led distributed Python team in developing crypto technical analysis library
- Published package on PyPI with comprehensive documentation and testing
- Designed CI/CD pipeline using GitHub Actions for automated testing and deployment
- Managed code reviews, release cycles, and community contributions

### Community & Professional Development

- Technical Mentor – Sisterslab Mentorship Program | 2022
- TensorFlow Developer Certificate – Google | 2023
- Technical Publications – Co-author: “OpenCV ve Python”, “Yeni Başlayanlar İçin Python”

## EDUCATION

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**Associate of Science in Computer Programming** – Ataturk University | 2023

**Bachelor of Science in Environmental Engineering** – Anadolu University | 2010

## LANGUAGES

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**English:** Professional Working Proficiency | **Turkish:** Native