

# Backend Engineer – Python

## Mission

Build and operate Python services that implement product features reliably—turning user stories and API specs into clean, tested, observable production code.

## Key Responsibilities

- Implement backend features and services (FastAPI/Flask), following OpenAPI specs and coding standards.
- Integrate with data stores (Postgres/Azure SQL, ADLS/Blob), caching (Redis), and messaging (queues / Service Bus).
- Contribute to service modularisation and maintainability (good boundaries, readable code, refactoring).
- Write unit tests (pytest) and contribute to integration/contract tests; participate actively in code reviews.
- Use and improve CI/CD pipelines; deploy and troubleshoot services across dev/test/prod.
- Add logs/metrics/tracing; support on-call and incident resolution with guidance.

## Profile / Skills

- Solid Python 3.x and modern tooling (virtualenv/poetry, type hints, packaging basics).
- Experience deploying or operating workloads on Azure (Functions / App Service / Container Apps).
- Comfortable with REST APIs, authentication basics (JWT/OIDC), and secure coding habits (no secrets in code, Key Vault usage).
- Practical SQL skills and experience working with operational data stores and blob/lake storage.
- Curious, delivery-focused, and able to take ownership of modules end-to-end.