# Oleh L.
# Senior Python Developer

## SUMMARY

- 5+ years of experience in Python backend development, focused on distributed systems, REST API design, and microservice architecture;
- Experienced with FastAPI, Django, and Django REST Framework, with a deep understanding of framework internals and asynchronous programming (asyncio, Celery, Kafka);
- Experience developing and maintaining scalable APIs and high-performance backend services for AI-driven platforms, cryptocurrency systems, and automation tools;
- Solid knowledge of RDBMS systems with emphasis on PostgreSQL - database schema design, optimization, and query performance tuning;
- Experience with SQLAlchemy (declarative and async modes) and integration of data pipelines across multiple services;
- Skilled in Docker-based deployments and cloud environments (AWS, Azure) with hands-on CI/CD setup and monitoring;
- Experienced in secure authentication systems (JWT, OAuth2) and real-time data streaming using Kafka and Celery;
- Strong command of SDLC, code quality, testing (Pytest), and Agile methodologies;
- Experience in AI integration - building and deploying AI agents and workflow automation tools with LangChain, Supabase, and Firebase.

## TECHNICAL SKILLS

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| **Main Technical Skills** | Python, PostgreSQL, SQLAlchemy |
| **Programming Languages** | JavaScript, Python, TypeScript |
| **AI & Machine Learning** | AI, LangChain |
| **Python Libraries and Tools** | AsyncIO, Pydantic, pytest |
| **.NET Platform** | Azure |
| **Mobile Frameworks and Libraries** | Crashlytics |
| **Python Frameworks** | Django, FastAPI, Flask |
| **JavaScript Frameworks** | React, Vue.js |

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| **Data Analysis and Visualization Technologies** | ETL |
| **Databases & Management Systems / ORM** | Firebase, PostgreSQL, RDBMS, Redis, SQLAlchemy, Supabase |
| **Cloud Platforms, Services & Computing** | AWS, Azure |
| **Methodologies, Paradigms and Patterns** | Agile, REST, SDLC, SOLID |
| **SDK / API and Integrations** | API, FastAPI, JWT, OAuth |
| **QA, Test Automation, Security** | Authentication, pytest |
| **Message/Queue/ Task Brokers** | Celery, Kafka |
| **Deployment, CI/CD & Administration** | CI/CD |
| **Virtualization, Containers and Orchestration** | Docker |
| **Platforms** | Firebase, Odoo |
| **Mail / Network Protocols / Data transfer** | JWT |
| **Other Technical Skills** | Psycopg2, Query, Rest Framework, Schema |

## WORK EXPERIENCE

**Python Back-End Engineer, Cryptocurrency Finance Platform**

**Duration:** Jan 2025 - Sep 2025

**Summary:** Developed backend services for a high-performance cryptocurrency trading platform supporting real-time trading, wallet operations, and secure financial transactions.

**Key Responsibilities:**

- Developed APIs for trading and wallet operations;
- Created a real-time notification service;
- Set up and maintained cryptocurrency nodes.

**Technologies:** Python 3.10, Django, Django Rest Framework, FastAPI, PostgreSQL, Redis, Kafka, Celery, Docker.

### Python AI Engineer, AI Automation Platform

**Duration:** Jun 2024 - Jan 2025

**Summary:** Built a web platform to help companies integrate AI into automation and management workflows, including custom AI actions and meeting note-taking.

**Key Responsibilities:**

- Developed both front-end and back-end features;
- Created and deployed a new AI agent;
- Created multiple AI workflows.

**Technologies:** Python 3.12, FastAPI, Pydantic.

### Python AI Engineer, AI Assistant Platform

**Duration:** Aug 2023 - Jun 2024

**Summary:** Contributed to the development of a platform enabling the integration of AI assistants into various websites.

**Key Responsibilities:**

- Developed both front-end and back-end features;
- Created and deployed AI agents;
- Built a custom support chat plugin for client websites.

**Technologies:** Supabase, Firebase, LangChain, Psycopg2, PostgreSQL, Docker, AWS, ReactJS, TypeScript.

### Python Full Stack Engineer, Integration API Platform

**Duration:** Oct 2021 - Aug 2023

**Summary:** Developed an API integration solution combining Azure, AWS, and Git into a unified platform.

**Key Responsibilities:**

- Developed both front-end and back-end features;
- Integrated multiple third-party services via APIs;
- Optimized partner data for user-facing applications.

**Technologies:** Python 3.11, FastAPI, Pydantic, LangChain, SQLAlchemy, PostgreSQL, Docker, AWS, ReactJS.

### Python API Engineer, Educational Mobile App

**Duration:** Oct 2020 - Oct 2021

**Summary:** Created backend services for a mobile app designed to teach children financial responsibility by completing family-assigned tasks.

**Key Responsibilities:**

- Developed and maintained backend services;

- Integrated payment gateways;
- Provided ongoing application support.

**Technologies:** SQLAlchemy, PostgreSQL, Docker, AWS, Pytest, VueJS, TypeScript.

**Python Odoo Engineer, ERP System for Sales and Inventory Management**

**Duration:** Mar 2020 - Oct 2020

**Summary:** Supported ERP development focused on sales operations, inventory tracking, and reporting.

**Key Responsibilities:**

- Developed and maintained backend functionality;
- Integrated external store systems;
- Generated financial and sales reports.

**Technologies:** Python 2.7/3.6, Odoo 6/14, Django 2, PostgreSQL, AWS, Docker.

## EDUCATION

- **Bachelor's in Software Engineering**, National Aviation University (2020 - 2024)
- **Python Developer**, Web Academy