

Abhay Kotal

Middle Python/Django Developer

SUMMARY

Software engineer with 5 years of experience, excelling in Python/Django backend development and cloud-ready API creation. Proven track record includes architecting a One-Time Setup wizard for Adagrad AI that slashed deployment time by 95%, and designing a SaaS automation platform at Ascent Wellness & Pharma that saved \$4,000 monthly and cut manual workflows by 70%. Skilled in advanced databases and cloud operations, with effective system design showcased by the development of a real-time analytics platform that won 3rd place in Maruti Suzuki's innovation challenge. Holds a Bachelor's degree in Engineering and is proficient in Python, SQL, Django, FastAPI, and a suite of tools and technologies pivotal to modern software development, including Docker, RabbitMQ, and PostgreSQL. Recognized for innovation with awards such as Employee of the Quarter at Adagrad AI.

TECHNICAL SKILLS

Main Technical Skills	Python (5 yr.), Django REST framework (5 yr.), SQL (5 yr.), FastAPI, Celery (4 yr.)
Programming Languages	Python (5 yr.)
Python Frameworks	Django REST framework (5 yr.), FastAPI
Databases & Management Systems / ORM	SQL (5 yr.)
Message/Queue/Task Brokers	Celery (4 yr.)
SDK / API and Integrations	FastAPI

WORK EXPERIENCE

Django Developer, One-Time Setup wizard, Connect cloud portal, Semantic Search Optimization, UPI payment integration

Duration: Jun 2023 - Present

Summary: Architected One-Time Setup wizard for a seamless initial configuration, improved semantic search capabilities, designed a cloud portal for IoT device data management, enhanced PostgreSQL performance for analytics, managed UPI payment integration, and led development teams.

Responsibilities: Architecting setup process, engineering search system, designing cloud portal, optimizing database performance, integrating payment gateways, leading development teams.

Technologies: Django, REST APIs, PostgreSQL, Milvus, Python embeddings, PhonePe API
Executive Software Developer, Argon SaaS automation platform, IT asset and password management, Automated user provisioning workflows

Duration: Jan 2022 - Jun 2023

Summary: Developed the 'Argon' SaaS automation platform for improved user lifecycle management, deployed cost-effective IT solutions with Docker, and created RabbitMQ-powered automated workflows for efficient user provisioning.

Responsibilities: Building SaaS automation platform, deploying IT solutions, developing automated workflows.

Technologies: Django, Celery, Docker, RabbitMQ

Associate Data Scientist, MetaBase dashboard development, Database migration

Duration: Mar 2021 - Sep 2021

Summary: Contributed to the creation of MetaBase dashboards for enhanced decision-making and played a key role in the MySQL to Snowflake migration process to reduce query latency.

Responsibilities: Developing interactive dashboards, aiding in database migration, enhancing decision-making speed.

Technologies: SQL, Fivetran ETL, Snowflake, MySQL, MetaBase

Backend Architect/Developer, ServeTrack – Real-Time Analytics Platform

Duration: Date Not Provided

Summary: Architected a real-time analytics platform for service tracking, showcased at Maruti Suzuki's Accelerator Cohort, securing a paid PoC engagement.

Responsibilities: Architecture of backend for real-time analytics, development of analytics dashboards.

Technologies: FastAPI, PostgreSQL, Redis

Developer/Researcher, Emotion Analysis Pipeline (IBM Hackathon)

