

# 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

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

