

Ankush Singh Gandhi

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SUMMARY

Python Backend Developer with 2+ years of experience building REST APIs and microservices using Flask and Django. Experienced with databases (MongoDB, MySQL), asynchronous processing using Celery, and caching with Redis. Hands-on experience in event-driven systems, WebSockets, and containerized backend deployments with a focus on reliable, maintainable backend systems.

EXPERIENCE

Software Developer

Desi Diaries Pvt. Ltd. | Jaipur

May 2023 – Dec 2025

- Worked on event-driven backend services using Flask with MongoDB and Redis Pub/Sub for real-time analytics workflows
- Implemented asynchronous background jobs with Celery using exponential backoff retries for hundreds of daily tasks
- Improved microservices API performance by introducing Redis caching (TTL, Pub/Sub) reducing queries on MongoDB
- Built and maintained WebSocket-based data delivery for real-time market updates, supporting concurrent client connections
- Deployed containerized services using Docker and Kubernetes (HPA 2–10 pods) with basic logging and monitoring
- Contributed to an analytics pipeline computing 6 trading indicators over 1/5/15-minute OHLC windows

Flutter Developer Intern

Desi Diaries Pvt. Ltd. | Jaipur

Dec 2022 – May 2023

- Published a Flutter app with Laravel APIs on App Store and Play Store, optimized video streaming to reduce buffering by 35%

PROJECTS

Budi Travel (App) - Minister of Public Administration, Trinidad and Tobago

- Built a production ready Django REST backend with JWT auth and RBAC, backed by MySQL, supporting 500+ users
- Implemented secure transaction handling using Django ORM transactions and Decimal based money logic
- Optimized database schema and queries using indexing and normalization for location-based search and booking data
- Implemented asynchronous processing with Celery and Redis for notifications and background workflows

Real-time Scheduler (Python GUI) - Personal Project

- Engineered a Python GUI to visualize CPU scheduling algorithms (FCFS, SJF, RR)
- Delivered real-time updates to enhance algorithm comprehension during self-study and demos

ACHIEVEMENTS

- Achieved Top Voice (Computer Science) status on LinkedIn — blogs reached 40,000+ views.
- Selected among 160+ tech leaders from India for GitHub Field Day 2021.
- Secured global rank 169 in Girl Script Summer of Code (GSSoC)

EDUCATION

Bachelor of Technology (B.Tech), Computer Science, Poornima Group of Institutions, Jaipur

- Core Courses: OS, DBMS, Networks, Algorithms, Compilers

Jan 2018 – Jan 2022

SKILLS

Languages:

Python, C, JavaScript

Frameworks:

Flask, Django, Flutter, React

APIs & Architecture:

REST APIs, API Development, Microservices Architecture, Event-Driven Architecture

Libraries & Tools:

Celery, NumPy, Pandas, Beautiful Soup, Selenium, Pygame, Tkinter

Libraries & Tools:

Celery, Prometheus, Grafana

Databases:

MySQL, MongoDB, Redis, Kafka

DevOps & Cloud:

Docker, Kubernetes, GitHub Actions, AWS, WebSockets, Linux, Git

Other:

WebSockets, Unit Testing, Agile/Scrum, ChatGPT