

Ankush Singh Gandhi

+91-95296-39652 | ankushsinghgandhi@gmail.com | linkedin.com/in/ankushsinghgandhi
github.com/ankushsinghgandhi | leetcode.com/u/ankushsinghgandhi | warriorwhocodes.com

SUMMARY

Python Backend Developer with 2+ years of experience designing and scaling REST APIs and microservices using Flask and Django. Skilled in database design (MySQL, MongoDB, Redis), cloud deployment (AWS, Docker), and CI/CD pipelines (GitHub Actions). Experienced in real-time data systems, WebSockets, and caching for high-performance fintech applications. Strong focus on clean architecture, security, and agile delivery.

EXPERIENCE

Software Developer

Desi Diaries Pvt. Ltd. | Jaipur

May 2023 – Dec 2025

- Architected event-driven microservices using Flask and Redis Pub/Sub, handling 100–200 msgs/sec for real-time analytics
- Built fault-tolerant asynchronous processing with Celery using retries, DLQ, and idempotency, achieving 99.9% task success
- Reduced API latency to 50ms and database load by 60% via multi-layer Redis caching (cache-aside, TTL, pub/sub)
- Developed a horizontally scalable WebSocket gateway supporting 2K+ concurrent connections with 200ms message latency
- Deployed services with Docker and Kubernetes HPA (2–10 pods), enabling observability via Prometheus, Grafana, and logging
- Built a real-time analytics pipeline processing option chains to compute 6 trading metrics 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

- Led backend development with Django + MySQL, and contributed to the Flutter app for booking and user management
- Published the app on both the Play Store and App Store after resolving complex publishing challenges

Happy Paws (App) - Apple Animal Society, Kota

- Designed and Shipped a full-stack app using Flask (JWT, REST) with a Flutter App, backend hosted via Docker + AWS
- Integrated Redis caching and modular APIs to improve response time by 40%

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