ABHISHEK SINGH

PYTHON BACKEND DEVELOPER
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SUMMARY

Python Backend Developer with hands-on experience building REST APIs, ERP integrations, and workflow automation with Django, FastAPI, and Flask. Delivered customer web portals and admin panels backed by PostgreSQL, MongoDB, and Redis, with APIs consumed by Flutter mobile developers. Experienced in asynchronous task processing with Celery, third-party integrations (WhatsApp Meta API, SMTP), database design, and scalable backend architecture.

SKILLS

Languages: Python, JavaScript
Backend Frameworks: Django, Django REST Framework (DRF), FastAPI, Flask
APIs & Integrations: REST API design, ERP integration, WhatsApp Meta API, webhooks, SMTP
Databases: PostgreSQL, MySQL, MongoDB, SQLite
Caching & Task Queues: Redis, Celery
Data Libraries: NumPy, Pandas
Tools & DevOps: Git, Docker
AI: Generative AI

EXPERIENCE

MULTIORIONTECH (Backend Developer) May 2026 – Present

- Design and build REST APIs and backend services powering a customer web portal and admin panel.
- Integrate the web application with ERP systems so customers can access services and account information directly through the portal.
- Implement business logic, database operations, request validation, and backend workflows.
- Maintain API integrations for customer-facing and administrative features.
- Design database schemas and write queries that support portal features and data exchange with ERP systems.
- Partner with Flutter developers on API integration, debugging, and feature delivery.
- Contribute to frontend development for the customer web portal and admin panel, building and updating user-facing features alongside backend work.
- Apply clean, scalable architecture practices to keep services reliable and maintainable.

NEXAIIT (Python Backend Intern) 3 Month Internship

- Developed APIs and backend features for application workflows using Python and web technologies.
- Built automation scripts that replaced repetitive manual processes and improved team efficiency.
- Worked with databases, debugging, testing, and application-level integrations.
- Collaborated with the development team to implement and deliver project features.

PROJECTS

JLS Notice Dispatch System (Legal Notice Automation Platform) View Live Portal
Technologies: Python, Flask, PostgreSQL, SQLite, WhatsApp Meta API, SMTP, PDF Processing, REST APIs

- Built a legal notice automation platform that ingests Excel borrower records and bulk PDF notices for automated dispatch.
- Implemented PDF splitting and AAN-based matching to map each legal notice to the correct borrower, including multi-page notices.
- Developed bulk WhatsApp and email delivery workflows with background processing, rate limiting, pause/resume, duplicate prevention, and detailed message logs.
- Integrated the Meta WhatsApp API and webhooks to track message statuses (sent, delivered, read, failed).
- Added role-based access control, column mapping, reporting, CSV export, and admin management for large-scale operations.

EDUCATION

MANIPAL UNIVERSITY JAIPUR GPA: 8.79
Bachelor of Computer Applications (BCA) March 2022 – March 2025