

Dheeraj Chandrakant Deokar

Python Backend Developer

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Professional Summary

Python Backend Developer with 3+ years of experience architecting multi-tenant B2B enterprise software and ERP platforms. Proven expertise in optimizing PostgreSQL query performance, enforcing strict database concurrency controls, and building scalable REST APIs using Django and Django REST Framework. Strong focus on data integrity, background processing, and cloud deployment.

Skills

Languages: Python, SQL, JavaScript

Frameworks & APIs: Django, Django REST Framework (DRF), RESTful Architecture, WebSockets

Asynchronous & Messaging: Celery, Redis

Databases & Storage: PostgreSQL, Query Optimization, Database Indexing, Atomic Transactions

Cloud & DevOps: Docker, AWS (EC2, S3, IAM), Linux, Nginx, GitHub Actions, CI/CD

Testing & Tools: PyTest, Unit/Integration Testing, Git, Postman

Professional Experience

Backend Developer Sep 2023 – Dec 2025
Codezen Tech Solutions Mumbai, India

- Built core modules of GRAEON, a multi-tenant B2B ERP used by 100+ companies, as part of the backend team, keeping each client's data isolated with PostgreSQL schemas and custom middleware.
- Optimized slow DRF endpoints and database queries, ending dashboard timeouts during peak accounting periods.
- Fixed race conditions in stock recalculation across warehouses using database transactions and locking, keeping inventory accurate under heavy use.
- Built a real-time vehicle tracking pipeline for 100 to 500 vehicles, using Redis and background workers for route analytics and offline-time tracking.
- Integrated the ERP with Tally for accounting data sync.
- Built reporting APIs for operations, inventory turnover and transaction history, covered by PyTest unit and integration tests.

Independent Product Development & R&D Jan 2026 – Present
Bizznify Mumbai, India

- Designed the database schema and backend in Django for logistics, inventory and billing workflows.
- Built REST APIs with Django REST Framework and JWT authentication, with role-based access control for multiple client companies.
- Moved slow work to Celery and Redis: PDF reports and third-party data sync with automatic retries.
- Built the React frontend (React Router, Vite) on top of the APIs.
- Set up Docker deployments on AWS (EC2, S3, RDS) with GitHub Actions CI/CD.

Education

Bachelor of Engineering in Electrical Engineering Pune, India
S.B. Patil College Of Engineering