

NANDANI KANANI

Python Developer | Backend Engineer | AI & LLM Enthusiast

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PROFESSIONAL SUMMARY

Senior Python Developer with 5+ years building production backend systems. Strong in Python, Django, DRF, and PostgreSQL with a focus on data integrity, security, and clean logic. Recently built a personal AI project integrating scikit-learn, FastAPI, LangChain, RAG, and Gemini API. Confident in crafting nontrivial Python problems and evaluating code correctness with precise judgment.

TECHNICAL SKILLS

Primary Language: Python (5+ years) **Backend Frameworks:** Django, DRF, FastAPI, Flask **Databases:** PostgreSQL, MySQL **AI / LLM:** LangChain, RAG pipelines, Gemini API, prompt engineering, scikit-learn **Cloud & DevOps:** AWS (EC2, RDS, Auto Scaling), Docker, CI/CD, Git

Data Processing: Pandas, Openpyxl **Tools:** Postman, JIRA, Bitbucket, Asana, Celery, WebSockets

PROFESSIONAL EXPERIENCE

Full Stack Web Developer | Moweb Technologies Pvt. Ltd. Mar 2023 – Jan 2026

- Led backend of a large-scale FMCG platform processing 100,000+ daily orders across 2 countries, personally owned payment gateway, delivery route optimization, and cash collection & settlement end-to-end
- Designed bonus calculation engine with configurable rules, async Celery processing, and real-time WebSocket progress updates for 100+ field agents
- Independently made architecture decisions: multi-tenant PostgreSQL schema design, API versioning, and production release management, optimized queries from 4s to 50ms
- Mentored junior developers through onboarding, pair programming, task assignment, and PR reviews across a 10+ person team

Software Engineer | Surekha Technologies Pvt. Ltd. Jan 2021 – Jan 2023

- Built automated lead ingestion from TradeIndia & IndiaMart APIs, connector design, deduplication, rate-limit-aware scheduling, error handling, and sync status UI in Odoo CRM
- Developed Google Drive CSV import scheduler with Pandas, validation, duplicate detection, and row-level status tracking
- Integrated Paytrail Payment Gateway and Two-Factor Authentication (Google OAuth + OTP); built dynamic pricing, bulk pricing, and inventory modules for mid-size to enterprise Odoo clients

KEY PROJECTS

RxShopper — Yale Build with AI Hackathon x Google Cloud | *Python, Gemini API, Google Places API, Twilio, Docker, FastAPI*

- Built a multi-agent pharmacy price discovery system at the Yale x Google Cloud Labs hackathon; led agent intelligence and orchestration layer
- Designed a 2-agent system (PharmacyDiscoveryAgent + ReportAgent) coordinated by an async orchestrator with Google Places API integration
- Handled Docker containerization, production build configuration, and end-to-end system integration

Mobile Price Prediction System | *Python, FastAPI, scikit-learn, LangChain, Gemini API, RAG, PostgreSQL*

- Built an ML-based price prediction system with FastAPI inference APIs; integrated Gemini LLM for reasoning explanations and implemented RAG using LangChain for contextual responses, personal project built to learn and apply AI/LLM concepts hands-on

FMCG Distribution Platform | *Python, Django, DRF, PostgreSQL, AWS, Celery, Docker, WebSockets*

Showcase: github.com/nandaniboghara/fmcg-distribution-system-design

- Production system processing 100,000+ daily orders, multi-tenant architecture, complex financial settlement workflows, real-time IoT monitoring, and ML-integrated route optimization

EDUCATION & CERTIFICATIONS

B.E. Computer Engineering — Gujarat Technological University 2021

Certifications: Machine Learning Foundations – University of Washington | Generative AI for Everyone – DeepLearning.AI

ACHIEVEMENTS

Silver Badge in Python (HackerRank) | Employee of the Month (Sept 2023) | Appreciation Awards (Apr, Jun & Jul 2024) | Second Runner-up of the Year 2024 at Moweb Technologies