

JITHIN MANILAL

Backend Python Developer | Django · DRF · FastAPI · PostgreSQL · AWS

Kochi, Kerala, India | jithinmanilal@gmail.com | +91 7025947090 | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Backend-focused Python Developer with 2+ years of experience building and deploying production APIs with Django, Django REST Framework, FastAPI, and PostgreSQL. Experienced with Redis and Celery for caching and background processing, OAuth and third-party integrations, and AWS-based deployments. Improved API performance by up to 40–50%, optimized database performance by around 30%, and reduced deployment time by about 60%.

TECHNICAL SKILLS

Languages: Python, JavaScript

Backend: Django, Django REST Framework, FastAPI, Flask

Databases: PostgreSQL, MySQL, MongoDB

Caching & Async: Redis, Celery, Background Jobs

Cloud & DevOps: AWS (EC2, S3, RDS), Azure, Docker, Nginx, CI/CD

APIs & Integrations: REST APIs, OAuth 2.0, Webhooks, Third-Party Integrations

Testing & Tools: Pytest, Postman, Swagger/OpenAPI, Git, GitHub

PROFESSIONAL EXPERIENCE

Python Backend Developer — Authority Entrepreneurs (Remote)

Feb 2024 – Present

- Develop and maintain backend applications and REST APIs using Python, Django, Django REST Framework, and PostgreSQL.
- Improved API performance by about 40% through Django ORM optimization and Redis caching, reducing high-traffic response times by around 50%.
- Built asynchronous workflows with Celery and Redis for long-running background tasks without blocking API requests.
- Delivered third-party integrations for CRM, calendar, communications, and reviews using OAuth, webhooks, and data synchronization.
- Deploy and maintain production applications on AWS (EC2, S3, RDS) and Azure using Docker and Nginx; reduced deployment time by about 60% through CI/CD.

- Improved PostgreSQL performance by around 30% through indexing and query optimization, with Pytest unit and integration tests to improve reliability.

Prior Experience — Doha Bank, Abu Dhabi Commercial Bank, First Abu Dhabi Bank, Shibu Enterprises

2014 – 2022

- Account management, relationship management, and business administration roles that developed strong client communication, stakeholder management, and problem-solving skills before transitioning into software development.

SELECTED ENGINEERING PROJECTS

CRM & Business Platform Integrations

Django, REST APIs, OAuth, Webhooks, Celery, Redis

Built integrations that synchronize contacts, calendars, and appointments with external CRM and business platforms including GoHighLevel and Acculynx.

Call & Communication Integration

Django, RingCentral, Celery

Retrieved and processed call data and recordings asynchronously, then synchronized the information with CRM systems through scheduled background jobs.

NextNode — Social Media Platform

DRF, React.js, PostgreSQL, Redis, WebSockets, JWT

Built a full-stack social platform with real-time chat and notifications, along with Redis-optimized REST APIs.

Cakesmiths — E-commerce Platform

Django, PostgreSQL, React.js, Razorpay, Twilio

Built product, cart, and order workflows with payment integration and Swagger-documented APIs.

EDUCATION & CERTIFICATION

Python Full Stack Development — Brototype, Ernakulam

2022 – 2023

Python Certification — freeCodeCamp

March 2026

B.Sc. Chemistry — University of Mumbai
2009 – 2012