

PRIYANSHU GAIROLA

PYTHON DEVELOPER

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SUMMARY

Backend Developer with hands-on experience building secure RESTful APIs using **Python (FastAPI)**, **JWT/OAuth2**, and **SQLite/PostgreSQL**. Skilled in schema validation, testing with **Pytest**, and modular code design. Fast learner with a background in data science and production-grade backend projects.

Skills & abilities

Languages: Python, SQL
Frameworks: FastAPI, Flask (Basics)
Auth: JWT, OAuth2
DB: PostgreSQL, SQLite
Testing: Pytest, TestClient
Tools: Docker, Git, Postman, VS Code
Others: Pydantic, Swagger/OpenAPI, CI/CD (Basics)

Experience

DXC TECHNOLOGY

PYTHON DEVELOPER | OCTOBER 2023-Present

Developed and maintained internal RESTful APIs using **FastAPI** with secure JWT/OAuth2 authentication

- Designed backend modules for data processing, CRUD operations, and workflow automation
- Wrote unit tests with **Pytest** and used **TestClient** for route validation
- Integrated **PostgreSQL** databases with Pydantic models and Alembic migrations
- Collaborated with frontend teams to define API contracts and test endpoints
- Familiar with **NLP**, **data analysis**, and **generative AI concepts** for future-facing automation

Education

NIET , GREATER NOIDA

B.Tech | Electronics and Communication

Graduated with a CGPA of 8.2, with coursework in software engineering, database systems, and programming fundamentals—building a strong foundation for backend development.

CERTIFICATION

Microsoft Azure Fundamentals (AZ-900)
Complete Machine Learning and Data Science
Complete Generative AI Course With Langchain and Huggingface
