



t: +44(0)7399 575 082 | e: candidates@frs-online.com | w: <https://FRS-online.com>

Role: Backend Python Developer
Location: Hybrid from Pune, Bengaluru or Delhi/Noida, India
Experience: 8–10 years
Type: Permanent / Full-time
Salary: Depending on Experience
Job Ref: 5163

Role Overview

We are looking for a Backend Python Developer to design, develop, and scale backend systems that power our products and platforms. The role requires **strong database engineering expertise**, particularly in **Azure SQL**, with a focus on **query performance, optimization, and database design**.

You will work closely with product managers, frontend engineers, data scientists, and DevOps teams to build reliable, secure, and high-performing APIs and services.

Key Responsibilities

- 🔍 Design, develop, and maintain backend services and APIs using Python
- 🔍 Build scalable, high-performance systems using frameworks such as Django, Flask, or FastAPI
- 🔍 Develop and integrate RESTful APIs and asynchronous services where required
- 🔍 **Design and optimize database structures in Azure SQL and other relational databases**
- 🔍 **Create and manage Views, Indexes, and Stored Procedures for performance optimization**
- 🔍 **Analyze query execution plans and optimize complex SQL queries for high performance**
- 🔍 Work with SQL and NoSQL databases (e.g., PostgreSQL, MySQL, MongoDB)
- 🔍 Ensure code quality, performance, security, and scalability
- 🔍 Write clean, testable, and maintainable code with proper documentation
- 🔍 Collaborate with cross-functional teams to translate business requirements into technical solutions
- 🔍 Debug, troubleshoot, and **optimize both application and database performance bottlenecks**
- 🔍 Participate in code reviews and contribute to engineering best practices



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Required Skills & Qualifications

- ☑ Strong proficiency in Python
- ☑ Experience with backend frameworks: Django / Flask / FastAPI
- ☑ Solid understanding of REST APIs, HTTP protocols, and backend architecture

Core Database Expertise (Must-Have)

☑ Hands-on experience with Azure SQL Database

☑ Strong proficiency in SQL including:

- Views
- Indexes (clustered, non-clustered, performance tuning)
- Stored Procedures

☑ Expertise in Query Optimization:

- Query planning and execution analysis
- Performance tuning using execution plans
- Identifying bottlenecks and optimizing large-scale queries

- ☑ Strong experience in designing efficient and scalable database schemas
- ☑ Familiarity with Git and version control workflows
- ☑ Knowledge of object-oriented design, data structures, and algorithms
- ☑ Understanding of authentication, authorization, and security best practices
- ☑ Ability to work in an agile, fast-paced environment

Good to Have

- ☑ Experience with AWS cloud platform
- ☑ Exposure to Docker, containers, and CI/CD pipelines
- ☑ Experience with async programming, message queues (Kafka, RabbitMQ), or background workers (Celery)
- ☑ Understanding of microservices architecture
- ☑ Previous experience in data, AI, or analytics-driven platforms



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Hiring Focus (Important Note)

☑ Strong emphasis will be placed on **database-related problem-solving during interviews**, including:

- SQL query optimization scenarios
- Indexing strategies
- Execution plan analysis
- Real-world performance tuning use cases

Are You or Anyone You Know Interested?

Please express interest by **email to Sanjay using sanjay@frs-online.com** adding the following **Job reference 5163** in the subject-line after providing **required responses for points below**:

1. CV & Contact Details (email, telephone with current city):
2. Availability (earliest start date or current notice period):
3. Current CTC:
4. Expected CTC: