Python Developer – Backend Applications

# Introduction about Department

The Python Development team focuses on building scalable backend services, RESTful APIs, and automation tools for both internal and customer-facing systems. We primarily work on modern Python frameworks and integrate with cloud platforms, databases, and third-party APIs.

Our team has implemented several microservices in AWS and Azure environments, utilizing Flask, FastAPI, and Django. We follow DevOps practices and CI/CD pipelines for faster and efficient deployments.

We are exploring newer technologies like serverless computing (AWS Lambda), GraphQL, and container orchestration tools like Kubernetes.

# Required Skill Set

Need to Have:  
- Python 3.x  
- Flask / FastAPI  
- PostgreSQL / MySQL  
- RESTful APIs  
- Git / GitHub  
- JSON & XML parsing  
- Unit Testing (pytest/unittest)

Nice to Have:  
- Django Rest Framework  
- AWS Lambda / Azure Functions  
- GraphQL, Celery  
- Docker / Kubernetes  
- Pandas / NumPy  
- Jenkins / GitLab CI  
- Redis, RabbitMQ

# Relevant Industry

Software Industry

# Job Description / Responsibilities

The ideal candidate will design and develop backend services and APIs using Python and related frameworks. They will work with cross-functional teams and contribute to all stages of the software lifecycle.

# Job Functions

Primary Functions / Key Deliverables / Duties:  
- Analyze user requirements and translate them into technical specifications.  
- Develop backend services and REST APIs using Python frameworks.  
- Integrate data storage solutions like relational and NoSQL databases.  
- Write reusable, testable, and efficient code.  
- Optimize applications for speed and scalability.  
- Participate in code reviews, debugging, and performance tuning.  
- Collaborate with frontend developers and DevOps teams for deployment.  
- Maintain documentation and follow Agile methodologies.

# Desired Profile of the Candidate

- Strong hands-on experience in Python (3+ years minimum).  
- Experience in at least one Python web framework (Flask, Django, FastAPI).  
- Proficiency in writing optimized SQL queries.  
- Exposure to containerization (Docker) and microservices architecture.  
- Experience with cloud platforms (AWS, Azure, or GCP).  
- Excellent debugging and problem-solving skills.  
- Good communication and teamwork abilities.

# Experience (Min-Max)

3 to 6 years

# Location of Posting

Chennai / Bangalore / Remote