Job Title: Python Backend Developer (3–5 Years) – Hyderabad/Gurgaon (In-Person)

Company Name: Forestrat.AI
Location: Hyderabad or Gurgaon
Experience: 3–5 years
Work Mode: In-person, Full-time

About the Role

We are looking for a highly skilled **Core Python Backend Developer** who is passionate about building scalable systems, writing high-quality code, and staying current with AI-driven development tools. If you enjoy solving complex problems, working with modern data infrastructure, and contributing to cutting-edge AI and Fintech products, this role is for you.

Responsibilities

- Develop and maintain robust backend services using **Python** and **FastAPI**.

- Build well-structured, maintainable code with a focus on performance, reliability, and scalability.

- Work with **data pipelines** and **workflow engines** (Airflow, NiFi, Prefect) to move, clean, and process data across systems.

- Integrate systems and services using AWS infrastructure (**S3**, Iceberg, DuckDB, PostgreSQL, Redis).

- Implement and manage data scraping, cleaning, and transformation pipelines (including bespoke data).

- Use **Pydantic** for data validation and schema design in Python applications.

- (Nice to have) Work with **MCP server exposure**, ensuring smooth integration for external tools or services.

- Collaborate with cross-functional teams, including frontend engineers (React), data engineers, and product teams.

- Leverage **AI tools like Cursor** and apply AI concepts to improve productivity and code quality.

Desired Skills & Qualifications

Must-Have:

- 3–5 years of hands-on experience in **Core Python development**.

- Strong experience with **FastAPI** and modern backend frameworks.

- Solid understanding of **data pipelines**, workflow orchestration (Airflow/NiFi/Prefect), and system integration.

- Practical knowledge of **AWS ecosystem** – S3, compute, and storage services.

- Experience working with databases like **PostgreSQL, DuckDB, or Iceberg**.

- Familiarity with **Pydantic** for data validation.

- Working knowledge of data scraping and cleaning from diverse sources.

Nice-to-Have:

- Exposure to **AI tools (Cursor, Copilot, etc.)** and understanding of AI concepts.

- Knowledge of AI models, cost-performance trade-offs, and deployment impacts.

- Experience with **Redis** for caching.

- Familiarity with **Fintech domain** (or willingness to learn on the job).

- Basic knowledge of **React** (Full Stack capability is a plus).

- Experience with exposing or working with **MCP servers**.