Riyaz Sheik

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Professional Summary

Python Backend Intern aspirant with strong foundations in **Python**, **OOP**, and **Data Structures**. Interested in building **AI-native backend systems**, including **RAG pipelines**, data services, and API-driven architectures. Comfortable writing clean, modular code and eager to work on real-world, production-grade AI infrastructure in an open-source environment.

Technical Skills

- **Programming:** Python (Intermediate), Java (basic)

- **Backend Concepts:** REST APIs, request/response lifecycle, modular services

- **Data Structures:** Arrays, Strings, Hash Maps, Stacks, Queues, Time Complexity

- **AI & Data:** LLM fundamentals, RAG concepts, data preprocessing

- **Databases:** SQL (MySQL), data modeling basics

- **Tools:** Git, GitHub, VS Code

Projects

Python Backend Data Service

- Built a Python-based backend service with clean OOP design and modular structure.

- Implemented CRUD-style APIs and structured data handling.

- Applied validation and error-handling for reliability.

- Designed code with scalability and maintainability in mind.

   AI-Oriented Data Processing Pipeline

- Developed Python scripts to clean, transform, and prepare data for AI workflows.

- Explored Retrieval-Augmented Generation (RAG) concepts for knowledge-based querying.

- Strengthened understanding of AI-native backend pipelines and data flow.

Education

B.Tech in Electronics and Communication Engineering   2022 – 2026
Annamacharya University, Rajampet
CGPA: 8.60 / 10 — No active backlogs

Strengths

- Strong problem-solving and debugging skills

- Solid understanding of Python OOP and DSA

- Fast learner with interest in AI systems and LLMs

- Comfortable working with open-source codebases

- High ownership and commitment to quality

Languages

English — Hindi — Telugu