Rahul Sharma

Backend Engineer | Python | FastAPI | REST APIs
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Professional Summary

Backend-focused software engineer with experience in building scalable REST APIs, database design, authentication systems, and containerized deployments. Strong foundation in system design principles and performance optimization.

Technical Skills

- Languages: Python, JavaScript
- Frameworks: FastAPI, Node.js
- Databases: PostgreSQL, MongoDB
- Tools: Docker, Git, CI/CD
- Concepts: REST APIs, Authentication, Caching, Microservices

Work Experience

Backend Developer Intern – TechNova Solutions (June 2024 – August 2024)

- Built RESTful APIs using FastAPI serving 5,000+ users.
- Implemented JWT-based authentication and role-based access control.
- Designed PostgreSQL database schema and optimized queries.
- Containerized application using Docker and deployed to cloud environment.

Projects

Resume Skill Gap Analyzer

- Developed AI-powered system comparing resumes against job descriptions.
- Implemented semantic similarity using SentenceTransformers.
- Designed weighted scoring and capability gap estimation logic.
- Built FastAPI web interface for interactive evaluation.

Education

B.E. Computer Science – Anna University (2021 – 2025) | CGPA: 8.3