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September 30, 2026

Dear Hiring Manager,

I am writing to apply for a backend developer role on your team. I build APIs and the data systems behind them, working mainly in **Python** and **Node.js** with **PostgreSQL**, **Redis**, and **AWS**. I care about services that stay fast under load and correct when things go wrong.

Some of what I have built recently:

- A centralized authentication service in **Django** with bcrypt password hashing, granular permissions, and JWT-secured service-to-service calls using HTTP-only cookies and strict refresh-token rotation.
- A multi-tenant task management API with ACID-compliant transactions, dynamic filtering and sorting, and keyset pagination.
- A file storage service that handles large multipart uploads and streams downloads directly to **AWS S3**, with metadata tracking and background jobs for media compression.
- A low-latency URL shortener on **Node.js** and **Redis** built to handle high-throughput redirects without cache stampedes, and a **FastAPI** snippet service with cursor-based pagination and automatic expiry.

I am completing a B.Tech in Computer Science & Engineering at SR Group of Institutions (SRGI), Jhansi (expected 2028), with a 9.2 SGPA and coursework focused on distributed systems, operating systems, and data structures and algorithms. I apply that grounding directly in my projects, and I am comfortable with the tooling around them: Docker, GitHub Actions, NGINX, and Linux.

All of my project code is public at github.com/amit-rajpoot, and there is more about my work at rajpoot.me. I would welcome the chance to talk about how I can help your team build and scale its backend.

Thank you for your time and consideration.

Sincerely,

Amit Rajpoot