

RISHAV RAJ

+91 9311571439 ◇ New Delhi, India

[Email](#) ◇ [Linkedin](#) ◇ [Portfolio](#)

OBJECTIVE

Backend and Cloud Engineer with hands-on experience in building scalable APIs, infrastructure automation, and CI/CD workflows. Seeking to contribute to teams by combining strong problem-solving skills with modern technologies.

EDUCATION

Bachelor of Computer Science, VIT Bhopal University

Expected 2026

Relevant Coursework: CSE, Cloud, and Automation.

8.34 CGPA

SKILLS

Backend & APIs	Python, Express, JSON, RESTful API, gRPC, Web Sockets, Microservices
Cloud & DevOps	AWS, Docker, Boto3, Git, GitHub Actions (CI/CD), Linux, Bash
System Design	LLD, HLD, Load balancing, Rate Limiting, Security
Databases	SQL, PostgreSQL, S3, Redis
Soft Skills	Leadership, Collaboration, Problem solving, Documentation

EXPERIENCE

Task Management API with Auth

April 2025 – May 2025

Backend Engineer

Bhopal, Madhya Pradesh

- Designed and developed a secure, scalable **RESTful API** for task management with **JWT-based user authentication** and **role-based access control**.
- Architected a normalized **PostgreSQL schema** using Sequelize ORM, enabling relational queries and reducing redundant data.
- Achieved **100% test coverage** using **Jest and Supertest**, simulating edge cases and ensuring backend reliability.

URL Shortener with Analytics

May 2025 – May 2025

Backend Engineer

Bhopal, Madhya Pradesh

- Built a production-ready **URL shortening API** supporting 1000+ requests/day with **click analytics**, redirection, and user authentication.
- Engineered short code generation and redirection with **PostgreSQL persistence**, delivering ~20ms latency on redirect endpoints.
- Integrated **JWT-based authentication**, enabling user-specific analytics and secure access to stats.
- Wrote robust **unit and integration tests** with **Jest and Supertest**, achieving 95%+ code coverage.

EXTRA-CURRICULAR ACTIVITIES

- Actively write [hashnode](#) and social media posts [Linkedin](#) viewed by over 1K+ job seekers per week to help people with best practices to enhance their skillset.
- Passionate reader of non-fiction and tech literature, with a focus on personal development, systems thinking, and emerging technologies.

LEADERSHIP

- Led a team of 8 members in planning and executing Cloud Zone Club events, overseeing end-to-end logistics including venue setup, scheduling, and on-site operations to ensure smooth event delivery and high participant engagement.