RITIK SHARMA

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SUMMARY

Software Developer specializing in **Python, FastAPI, REST APIs, PostgreSQL, Redis, JWT authentication**. Experienced in developing **scalable backend systems**, integrating databases, and working in **Agile teams**. Passionate about **AI-driven applications** and producing clean, efficient, maintainable code.

EDUCATION

Institute of Technology Management (RGPV)   *June 2018 – June 2022*
B.Tech - Computer Science and Engineering   CGPA: **8.06**
Gwalior, Madhya Pradesh

TECHNICAL SKILLS

Languages	Python, C++, Java, SQL
Frameworks/Technologies	FastAPI, Flask, Django, REST APIs, SQLAlchemy, Microservices
Databases	PostgreSQL, Redis, MySQL
Tools	Git, GitHub, Linux, VS Code, PyCharm, Docker
Soft Skills	Agile, Team Collaboration, Problem Solving, Communication

EXPERIENCE

Software Developer Intern   Sep 2025 – Present
FastAPI Backend Python Developer Intern, Bengaluru, India
NextGen Archs India Pvt. Ltd

- Developed **REST APIs** and backend modules using **FastAPI**.
- Built a reusable **Category Management System** used across 3+ services.
- Implemented **JWT authentication** with **PostgreSQL** and **Redis**.

Java Developer Intern   Feb 2025 – Mar 2025
HulkHire Tech, Hyderabad, India

- Integrated **Stripe payment gateway** with Spring Boot microservices.
- Optimized REST APIs, reducing response time by 30%.
- Collaborated in **Agile sprints** and standups using Jira/Scrum board

PROJECTS

MoodShare - Social Media Web App   [GitHub Link](#)
Python, Flask, SQLAlchemy

- Built a blog app supporting 7+ concurrent users with OAuth authentication.
- Implemented responsive UI and SQLAlchemy ORM for personalized feeds.

Emotion-Based Music Player   [Demo Link](#)
Python, Flask, Computer Vision

- Web app plays music based on real-time emotion detection (90% accuracy).
- Deployed backend, managed DB, and enhanced user experience.

CERTIFICATIONS

- [Cambridge Business English Certification - B1 Mastery](#)
- [Python Training Certification](#)
- [FreeCodecamp Responsive Web Design Certification](#)