

Rudraksh Soni

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Kota, Rajasthan, India | Available for Remote Work

SUMMARY

Backend and AI engineering student with a production SDE internship at AnugatAI. Built and deployed a multi-agent **LangGraph** platform with **RAG** on Cloud Run, shipped **NodeJS/FastAPI** services with **Docker**, and contribute to Meshery (CNCF). Seeking a **6-month remote internship**.

EDUCATION

BIT Mesra <i>B.Tech, Electronics & Communication Engineering – CGPA 7.61</i>	2023 – 2027
CBSE <i>Class XII – 85%</i>	2023

EXPERIENCE

AnugatAI <i>SDE Intern</i>	Oct 2025 – Mar 2026
- Engineered RDBMS data models behind production APIs, sustaining 99.9% uptime for an 11K+ user base. Independently owned and shipped the company's public website end-to-end (Next.js, React, TypeScript), from architecture to deployment. [Certificate]	

OPEN SOURCE CONTRIBUTION

Layer5 / Meshery <i>Open Source Contributor</i>	May 2026 – Present
Identified and led resolution of a system bottleneck in binary-to-JSON parsing, proposing and implementing a memory-efficient Base64/FormData Blob pipeline to prevent main-thread spikes. [PR] - Developed reusable, type-safe components for the Sistent design platform using React, TypeScript, and Go, ensuring modularity across dependent applications. [PR]	

PROJECTS

Cortex AI: Multi-Agent Microservices Platform <i>Node.js, Express, LangGraph, React 19, MongoDB, Redis, Qdrant, AWS S3, Razorpay</i>	Live Demo GitHub
- Architected a microservices monorepo (Gateway, Auth, Chat, Agent, Billing) with Redis-backed session auth, header-based identity propagation, and per-agent rate limiting. - Built a LangGraph supervisor routing requests by intent and file type across 8 specialized agents (web search, coding, PDF/PPT, image, vision, RAG on Qdrant) over Groq, DeepSeek, and Gemini. - Implemented credit metering and billing with Razorpay and HMAC payment verification; deployed live on Google Cloud Run.	
AI Coding Harness: Local Agent CLI with Safety Sandbox <i>Node.js, TypeScript, pnpm Workspaces, LLM Tool Calling, Vercel</i>	Website GitHub
- Built a bring-your-own-key agent CLI (pnpm monorepo) running a tool-calling loop that reads, searches, and edits files in a chosen directory, with a hard step cap against runaway token cost. - Designed the safety layer: a path-jailed sandbox (realpath resolution blocks symlink escapes), unified-diff review before writes, mandatory approval for shell commands, and API-key redaction.	
HazeBusters: Serverless Air-Quality Advisor (AWS Hackathon) <i>AWS Lambda, API Gateway, S3, DynamoDB, Bedrock, Polly, SAM, ONNX, Python</i>	Live Demo GitHub
- Built a serverless AWS pipeline (API Gateway, Lambda, S3, DynamoDB; SAM/CloudFormation) returning a CPCB-style AQI from the nearest WAQI station and CAMS forecast, with a CAMS fallback when stations are over 25 km away or stale. - Added Bedrock advice in English and Hindi with Polly audio behind a rule-based engine, so results never depend on the LLM; optional ONNX/YOLO11n video analysis.	

SKILLS

Languages: Python, C++, TypeScript, JavaScript (ES6+), SQL, Go
AI Fluency: Agentic Workflows, Multi-Agent Orchestration (LangGraph), RAG, LLM Tool Use, Prompt Engineering
AI Tools & Models: Claude Code, Ollama (local models), Amazon Bedrock, Gemini, Groq, DeepSeek
Backend: Node.js, Express.js, FastAPI, Microservices, REST APIs (JSON/XML)
Databases: PostgreSQL, MongoDB, Redis, DynamoDB, Relational Data Modeling, SQLAlchemy
Frontend: React, Next.js, Tailwind CSS, shadcn/ui
DevOps & Cloud: Docker, Git & GitHub, Linux/Unix, Nginx, Postman, AWS, Google Cloud Run

ACHIEVEMENTS & LEADERSHIP

- Solved **600+** **Data Structures & Algorithms** problems across LeetCode, GeeksforGeeks, and NeetCode. [Leetcode] [Neetcode]
- Co-authored a research paper** on CNN-based AQI classification and **led a 3-member team** building the end-to-end service. [Paper]
- Two-time **BPlan Ideathon** winner, securing capital funding for backend prototype development.
- Head of Operations**, UNESQUO (Quizzing & Debating Club); organized two MUNs and multiple intercollege quizzes.