Rishabh Kumar

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EDUCATION

VIT Bhopal University **|** CGPA – 8.28   *Bhopal, India*
Bachelor of Technology in Computer Science and Engineering   2022 – 2026

SKILLS

- **Technical:** Java, Python, JavaScript, AI, Machine Learning
- **Web Technologies**: Selenium, Chromium, Web Scraping

EXPERIENCE

Planto.ai   Remote
AI Research Intern   Feb 2025 – April 2025

- Researched and analyzed integration of Codium Copilot for 4 companies and its business benefits for diverse companies.
- Designed and delivered 8+ PowerPoint presentations, translating complex research findings into actionable recommendations.
- Presented research insights to Planto.ai's CEO, facilitating informed decision-making.
- Partnered with a team of 10 members to accelerate research delivery and optimize project outcomes.
- Enhanced project workflow by 20% through effective collaboration, knowledge sharing, and process improvements.

PROJECTS

AI WebScrapper | Python, Ollama, Proxy Rotation(Bright Data)   May 2025 - May 2025

- Engineered an automated web scraper using Python, Selenium, and remote Chromium browser with proxy integration, bypassing CAPTCHAs on 95% of target websites.
- Implemented Ollama model for AI-powered content parsing and structured data extraction with 98% accuracy.
- Streamlined manual data collection, reducing processing time by 70% and delivering high-quality, datasets for analysis.

OpenRouter_CLI | Python, OpenRouter API   June 2025 - June 2025

- Developed a Python CLI tool integrating with OpenRouter's API to access 10+ AI models (GPT-4, Claude, Llama) via a modular architecture, enabling seamless additions of new models and features like file uploads and session tracking.
- Implemented argument parsing using Python's argparse to support 10+ command-line flags, including model selection, API key input, output formatting, file attachments, and session persistence for multi-turn conversations.
- Designed a robust error handling system for API failures, invalid inputs, and rate limits, reducing user-reported issues by 80% while adding safeguards for file upload validations.
- Built history management features, including local storage of conversation sessions with timestamps, model metadata, and token usage for audit and continuity.
- Optimized API response processing to extract relevant data (content, tokens) and integrated file upload support (PDFs, TXT) with preprocessing for model consumption.

ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

- Achieved Top 500 ranking in HackOnBlocks Web3 Hackathon.
- Led a team of 10 during internship.