Rishabh Kumar

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EDUCATION

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

SKILLS

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

CERTIFICATIONS

- Marketing Analytics | NPTEL | Feb 2025
- The Bits and Bytes of Computer Networking | Coursera | Dec 2023 *(link)*

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 (Repository)

- 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 (Repository)

- Developed a Python CLI tool integrating with OpenRouter API to access 10+ AI models (GPT-4, Claude, Llama) with modular architecture supporting easy model additions.
- Implemented argument parsing using Python's argparse to handle 5+ command-line flags including model selection, API key input, and output formatting options.
- Designed an error handling system for API failures, invalid inputs, and rate limits, reducing user-reported issues by 80%.
- Optimized API response processing to extract and display relevant data (content, tokens used) while filtering unnecessary metadata.

ACHIEVEMENTS

- Achieved Top 500 ranking in HackOnBlocks Web3 Hackathon.