Adarsh Singh

Contact Information

- Adarsh Singh

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- GitHub: github.com/adarsh123 (Please ensure this is the correct and active URL)

Summary

- Highly motivated and results-driven B.Tech student with a strong passion for Software Development, Machine Learning, AI, and Data Analysis. Proven academic excellence and hands-on experience in building innovative projects, including an AI-powered automated YouTube pipeline. Eager to apply foundational programming skills (Python, C, Java) and problem-solving abilities to contribute to challenging technical environments.

Education

- Bachelor of Technology (B.Tech) | Computer Science / Information Technology (Expected)

- Allenhouse Institute of Technology, Kanpur | 2023 – 2027 (Expected Graduation)

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- Class 12th | Rk Education Center | 2022

- Achieved 'Topper' status

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- Class 10th | Rk Education Center | 2020
- Achieved 'Topper' status

Skills

- Programming Languages: Python, C, Java
- AI/ML Concepts: Natural Language Processing (via Gemini API), Automation, Script Generation
- Web Technologies: Chrome Extension Development, JavaScript
- Tools & Platforms: Git (Version Control), Google Gemini API
- Operating Systems: Windows, Linux (Basic)

Projects

- YouTube Automated Pipeline
- - Developed an end-to-end automation pipeline utilizing Google Gemini API for script generation.
- - Automated the creation of 5-second video segments based on story descriptions.
- - Implemented functionality for automated upload to YouTube following content approval.
- - Demonstrates proficiency in AI integration, API utilization, and workflow automation.
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- Screen Analyser Chrome Extension
- - Engineered a Chrome extension capable of capturing and performing analysis on screen content.
- - Showcases skills in web extension development and front-end problem solving.

Achievements

- Topper in Class 10th (2020) and Class 12th (2022), demonstrating strong academic performance and dedication.

Work Experience

- None