

Adarsh Singh

Summary

- Enthusiastic and driven B.Tech student with a strong foundation in C, Python, and Java, passionate about leveraging technology to solve complex problems. Proven ability to develop innovative solutions, including an AI-powered automated YouTube pipeline and a Chrome extension. Eager to contribute to software development, data analysis, and machine learning/AI projects, bringing strong problem-solving skills and a proactive learning approach.

Education

- Bachelor of Technology (B.Tech) in [Computer Science and Engineering/ Information Technology] | Allenhouse Institute of Technology | 2023 – 2027 (Expected)
- Higher Secondary Education (12th Grade) | Rk Education Center | 2022 | Topper
- Secondary Education (10th Grade) | Rk Education Center | 2020 | Topper

Skills

- Programming Languages: Python, C, Java
- AI/ML: Gemini API Integration, Automation
- Web Technologies: Chrome Extensions Development
- Tools & Platforms: Git (Implied by GitHub profile)

Projects

- **YouTube Automated Pipeline:** Developed an end-to-end automated pipeline leveraging the Gemini API to generate video scripts based on story descriptions. The system then creates corresponding 5-second video

segments and, upon approval, automatically uploads the compiled video to YouTube. This project demonstrates proficiency in AI/ML integration, automation, scripting, and pipeline development.

- ****Screen Analyser Chrome Extension:**** Created a Chrome extension designed to capture screen content and perform analysis. This project showcases skills in web extension development, front-end programming, and foundational data capture/processing.

Achievements

- Achieved 'Topper' status in both 10th Grade (2020) and 12th Grade (2022) examinations, demonstrating strong academic aptitude.