

# Analysis and Recommendations

**Score:** 0.85

## Suggestions:

- Quantify academic achievements by providing specific percentages or grades for 10th and 12th standard, and any available academic performance details from B.Tech.
- Elaborate on project details by clearly listing the specific technologies/tools used (e.g., Python libraries for the YouTube pipeline, JavaScript/HTML/CSS for the Chrome extension), specific features implemented, personal contributions, and ideally, a link to the GitHub repository or a live demo.
- Refine contact information to include full, clickable URLs for LinkedIn and GitHub profiles (e.g., '<https://www.linkedin.com/in/adarhsingh96>' and '<https://github.com/adarsh123>').
- Expand the skillset description to include specific libraries/frameworks for Python (e.g., Pandas, NumPy, Scikit-learn, TensorFlow/PyTorch, Flask/Django), and for web development (e.g., Chrome Extension APIs, basic front-end frameworks).

## Strengths:

- Strong Project Experience: The 'YouTube Automated Pipeline' is an outstanding project, directly showcasing skills in AI (Gemini), automation, video processing, and API integration, making it highly relevant for Software

Developer, ML, and AI roles. The 'Screen Analyser' also demonstrates practical web extension development skills.

- Foundational Programming Skills: Proficiency in Python, C, and Java provides a versatile base for various software development and ML/AI tasks, with Python being particularly crucial for the target job descriptions.
- Academic Aptitude: Being a 'topper in 10 and 12' indicates strong learning capabilities, dedication, and a solid academic foundation, which are valuable traits for rigorous technical roles.
- Proactive Learning & Application: Undertaking complex, real-world relevant projects while currently pursuing B.Tech demonstrates initiative, self-learning capability, and the ability to apply theoretical knowledge practically.

## **Recommendations:**

- Deepen ML/AI & Data Analysis Skills: Actively pursue courses, certifications, or self-study in specific areas like machine learning algorithms, deep learning frameworks (TensorFlow/PyTorch), data visualization (Matplotlib, Seaborn), and data manipulation (SQL, advanced Pandas techniques) to solidify expertise for specialized roles.
- Gain Practical Experience: Seek internships or contribute to open-source projects related to software development, data analysis, or ML/AI to gain real-world experience, understand industry best practices, and build a professional network.
- Create a Dedicated Online Portfolio: Beyond GitHub, consider building a personal website to showcase projects, achievements, and technical blogs, offering a more polished and branded presentation of your capabilities.
- Develop More Data-Centric Projects: To strengthen the 'Data Analyst' profile, work on projects involving data collection, cleaning, analysis, and visualization (e.g., building a predictive model on a public dataset, creating

interactive dashboards, or performing exploratory data analysis).

- Strengthen Communication Skills: Practice articulating project challenges, solutions, and impact clearly, both in written form (project documentation with well-structured READMEs) and verbally (for interview preparation).