

ADARSH PATIL

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OBJECTIVE

Passionate fresher with strong skills in Frontend Development, Data Analytics, and Data Science. Seeking an internship or entry-level role to apply technical abilities and learn through real-world projects. Eager to contribute to impactful, growth-focused teams.

EDUCATION

B.Tech, S.E.A College Of Engineering and Technology Expected 2026
Relevant Coursework: CSE, CGPA 8.9

Science, SGV mahesh PU College 2020 - 2022
Marks 85.28 %

SKILLS

Technical Skills HTML, CSS, C Programming, Python, SQL, Oracle, Excel, Power Bi, Tableau

Soft Skills Documentation and Reporting Skills, Communication, Accountability

interest N8N (Automation), Graphic Designing (Canva),

PROJECTS

RAG Based AI Teaching Assistant. Built an end-to-end AI Assistant using a RAG pipeline to process long videos into searchable knowledge. Developed a workflow to convert videos to audio, transcribe using Whisper, and chunk data with metadata. Generated high-quality embeddings for all chunks and implemented similarity-based retrieval. Integrated an LLM to deliver accurate, context-aware responses from video content. Optimized the system with batch processing, improved chunking, and enhanced embedding quality.

AI Powered TikTok/Reel Generator. I built this using Python and Flask. It lets users upload media and automatically creates short video reels. The backend pipeline processes files completely. It generates AI audio through ElevenLabs. Then it assembles the reels with ffmpeg. I implemented a solid file upload system. Real time logic for generating reels got integrated too. I designed a gallery interface that displays all the generated reels in an efficient way.

Engineering Notes Website. I developed a platform using HTML and CSS. It provides structured study materials for computer science students, organized by subject. I integrated Google Drive for secure storage. Content delivery became efficient that way. ([Try it here](#))

Movie Database Website. I built this website with HTML and CSS. It features refined UI styling and light animations. The browsing interface is organized nicely. I integrated Google Drive for reliable storage. Access to movie files stays fast. files. ([Try it here](#))

CERTIFICATIONS

- Google Analytics - Google
- Oracle Cloud Infrastructure - Oracle
- Data Analytics - LinkedIn
- Data Science, CodeWithHarry
- Python Bootcamp, CodeWithHarry
- Python For Data Science, IBM
- Data Analysis with Python, IBM
- Business Analytics with Excel, Microsoft

EXTRA-CURRICULAR ACTIVITIES

I got involved in creative media stuff at college. That meant doing videography and editing videos for different events there. I even took first place in a gaming competition between colleges. It really highlighted how I work well in a team and think strategically. These days, I lead a team on an academic project. I handle coordinating all the tasks and make sure we deliver everything on time.