Atharva Patkar

📞 9029120785   ✉ atharva60204@gmail.com

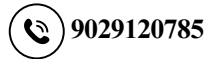## ABOUT ME

I am a tech enthusiast with a strong passion for Machine learning, generative AI. I enjoy exploring innovative solutions to complex problems and continuously learning about emerging technologies. With a keen interest in building scalable and efficient systems, I thrive on applying technology to real-world challenges. Beyond the tech world, I love trekking and immersing myself in nature, always looking for new adventures and experiences that inspire me.

EDUCATION

1] SVKM'S Dj Sanghvi College of Engineering   2022-Present
   B.Tech in Artificial Intelligence and Data Science
   - CGPA- 8.6
   - Coursework- Machine learning,DBMS,Python,Cloud Computing,NLP,Artificial Intelligence, Image Processing,Data Mining and analytics

2] Sardar Vallabhbhai Patel Jr College   2020-2022
   HSC
   - Grades- 74.83%   2020

3] Sardar Vallabhbhai Patel Vidyalaya
   SSC
   - Grades- 92.80%

PROJECTS

Vid-Gyan | Text-to-Video Gemeration

Developed an AI-powered system that generates educational videos from text prompts. The project automates the entire workflow, including web scraping for relevant images, creating a structured slideshow, generating AI-based audio narration, and synchronizing the visuals with the narration. This solution enhances content accessibility and simplifies video creation for educational purposes.

FacultyFlo | Faculty Management System

In my Faculty Management System project, I integrated HTML and CSS for the frontend, Django for the backend, and SQLite for the database. Additionally, Incorporated a chatbot using an LLM model to enhance user interactions. An essential feature I added was the attendance manager, specifically designed to streamline faculty tasks and improve efficiency within the system. This comprehensive approach aimed to provide a user-friendly interface while leveraging advanced technologies for seamless functionality and robust performance.

Fin-AI-lytics: [AI Financial Advisor: Stocks

Created a financial advisory system using Python and Yahoo Finance API, achieving nearly 90% accuracy in market trend predictions with LSTM models. Designed an interactive Streamlit dashboard with personal finance tools, budget tracking, and debt management calculators

Tools Used: Python for Data Analysis, Visualization and ML, YFinance API, Alphavantage API

ROLES OF RESPONSIBILITY

- ***Marketing Head at DJS NSDC***

   Responsible for leading fundraising initiatives and overseeing the coordination committee to secure sponsorships and financial support for events. Responsible for developing strategic partnerships, executing branding and promotional campaigns, and enhancing the organization's outreach.

- ***Creatives and Social Media Head at DJS BEATS***

   Creatives and Social Media Head at DJS NSDC, responsible for designing event-related creatives and overseeing the junior committee to ensure timely execution of creative tasks. Manage social media strategies to enhance engagement and promote events effectively.

TECHNOLOGIES AND SKILLS

- **Programming Languages:** C, Python3, Java, HTML, CSS, JavaScript, SQL
- **Frameworks & Libraries:** OpenCV, NumPy, Pandas, SpaCy, NLTK
- **Tools**: Git, VSCode, Google Colab,Jupyter Notebook
- **Business Intelligence Tools:** Power BI, Tableau
- **Domains:** Machine Learning, Natural Language Processing (NLP), Data Mining and Analytics