MEDHANSH SHARMA

Jaipur, Rajasthan

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Key Expertise / Skills

- Python
- JavaScript
- SQL
- DBMS
- Web Developement
- Version Control
- Generative AI
- Problem Solving

Work Experience

Deloitte   **May2024 – July 2024**

Intern | Data Science

- Developed a tool finetuning lighter model trasnformer based on BERT for sentence separation, increasing workflow efficiency from 63% to 91%.
- Built a spellchecker integrating statistical and transformer models for enhanced accuracy of 84%.
- Created a semi-automatic data labeling tool, optimizing the annotation process for various applications.

Open Source Contributor

Volunteer | Javascript, Github

- Actively participated in collaborative code reviews within an open-source project, ensuring code quality and adherence to project standards.
- Contributed to a bug fix in the nodejs-corepack project.

Education

The LNM Institute of Information Technology, Jaipur   **Expected Graduation: May 2025**

B.Tech. in Computer Science and Engineering   *CGPA : 7.44/10*

Projects

Mind Connect | *React, PostgreSQL, Nodejs, FullStack*   **August 2024**

- Built with PostgreSQL, React, and Node.js to offer smooth, intuitive journaling features for mental clarity.
- Provides encrypted, anonymous chat with counselors, securely stored in MongoDB.
- Plan to aid 600 university students with curated blogs and mental health information.

CyberGuard | *Chrome Extension API, Javascript, Python*   **December 2023**

- Created a real-time phishing detection model using the Extra Trees classifier to safeguard against malicious websites.
- Progressing to the final stage of the Rajasthan Hackathon, our project demonstrates its ability to combat online threats effectively.
- Empowering users with instantaneous detection capabilities, our solution revolutionizes web browsing safety with unparalleled precision of 97% and efficiency.

YT-Scribe | *Generative AI, Gemini, LangChain, YouTube Transcript API , Streamlit*   **October 2023**

- Designed a system that extracts video transcripts from YouTube using the YouTube Transcript API and generates concise summaries through Google's Gemini Pro mode
- Leveraged Google's Generative AI to create point-based, structured summaries within 250 words, focusing on key content extraction for enhanced user experience.
- Built a user-friendly interface using Streamlit, allowing users to input video URLs, view thumbnail previews, and generate detailed notes with a single click.

Extra Curricular Activities

- **Associate Coordinator** at Counselling and Guidance Cell LNMIIT; managing and organising Orientation and Reporting of new batch.
- **Content Writing Lead** at the LNMIIT techfest **Plinth'24**.