Vidhan Mertiya

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EDUCATION

Indian Institute of Technology Madras   2022 - 2026
Bachelor of Science, Data Science and Applications

University of Rajasthan   2021 - 2024
Bachelor of Computer Applications

EXPERIENCE

Ground Zero | *Social Media Intern*   July. 2024
- Developed engaging social media content and contributed to the organization's daily operations.

Quest Alliance | *Data Intern*   Dec. 2023 – Feb. 2024
- Supported the Superset ITI dashboard, ensuring data accuracy and cleanliness through routine health checks.
- Analyzed and resolved error logs, enhancing the overall system's efficiency.
- Collaborated with team managers to conduct a comprehensive placement analysis for ITI and VTI graduates (2020–2023), identifying key trends.
- Contributed to the development of PLE monitoring forms and provided insightful weekly data analyses to support informed decision-making.

Quest Alliance | *Intern*   Sept. 2021 – Nov. 2021
- Designed knowledge products for Quest 2 Learn.
- Conducted data analysis post-Quest 2 Learn 2021 event.

SKILLS

- **Data Science :** Numpy, Pandas, HuggingFace, BeautifulSoup, Selenium, SQL
- **Developer :** Python, Java, HTML, CSS, JavaScript, TypeScript, VueJS, Flask, Jinja
- **Tools :** Git/GitHub, VS Code, Google Colab, Jupyter Notebook, Tableau, MS Excel

PROJECTS

Influencer Sponsor Platform | *Flask, Jinja, SQLite*
- Developed a full-stack web application facilitating seamless connections between influencers and sponsors, enabling sponsors to promote their products effectively through social media collaborations.

Household Services Application | *TypeScript, HTML/CSS, Flask API, VueJS, SQLite, Git*
- Developed a full-stack web application for on-demand household services, enabling users to book professionals seamlessly. Integrated robust document verification to ensure trust and security.

Boo | *Python, Discord.py, Go, PostgreSQL, Cloudflare Workers, Linode*
- Boo is a python discord bot that supports natural language input and images, used for personalized interactions.
- Create commands : query and fetch forum posts ; check weather with weather API.
- Improved utility for course related queries and community engagement within a forum.

IITM Quizzes | *React, Flask, Go, SQLite, TypeScript, LLM, TailWind, Radix UI*
- Designed a full stack web application that lets users attempt quizzes.
- Leveraged LLMs (Large Language Models) for generating explanations for each question.