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.
- Collaborated with team managers to conduct a comprehensive placement analysis for ITI and VTI graduates (2020–2023), identifying key trends.

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, NextJS
- **Tools :** Git/GitHub, VS Code, Google Colab, Jupyter Notebook, Tableau, MS Excel

PROJECTS

JobSpy | *Go, Python, Postgres, NextJS, Tailwind, Docker* 🌐 Live
- A Webapp to list and search for jobs across all the major employment websites. Now users can also upload their resumes and get job suggestions.

Household Services Application | *TypeScript, HTML/CSS, Flask API, VueJS, SQLite, Git* ⬤ Repo
- 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* ⬤ Repo
- Boo is a python discord bot that supports natural language input and images, used for personalized interactions.

IITM Quizzes | *React, Flask, Go, SQLite, TypeScript, LLM, TailWind, Radix UI* 🌐 Live ⬤ Repo
- Full Stack Web Application that lets users attempt quizzes.
- Leveraged LLMs for generating explanations for each question.
- Auto-Deployment using Github Actions.

CoinCraft | *Vue, Flask, SQLite, TypeScript, LLM, TailWind* 🌐 Live ⬤ Repo
- Full Stack Web Application to teach children about Financial Literacy.
- Integrated AI-generated learning modules with gamification (coins, achievements).
- Manage and Co-ordinate between multiple members for project.