Shivansh Jain

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Education

Indian Institute of Technology Madras   2024
Bachelor of Science, *Data Science and Applications*, CGPA: 8.2

Vikram University, Ujjain   2022
Bachelor of Business Administration, %age: 79%

Work Experience

Fiery (previously EFI)   1/2024 – Present
Data Scientist Intern   Bengaluru, India
- Fine-tuned Mistral-7B with LoRA for enhanced language processing on internal data.
- Worked on a solution using vector databases for similarity matching of images and text to enhance search experience.
- Build a Retrieval-Augmented Generation (RAG) based chat product using Mistral-7B LLM, trained on company data for Question and Answering.

Indian Institute of Technology Madras   07/2023 – 12/2023
Web Dev Intern, Placement Cell IITM BS   Chennai, India
- Crafted a IITM BS placement portal, leveraging PHP and JS for a seamless user experience, with MySQL as the robust database backend, catering to admin, student, and recruiter roles.

Indian Institute of Technology Madras   08/2022 – 09/2022
Academic Mentor, Programming in Python   Chennai, India
- Mentored students in Python, progressing them from beginner to advanced levels, to support their coursework.

Skills

Programming languages
- Python, C, JavaScript, TypeScript, Java, SQL, Bash, PHP

Frameworks
- Flask, Vue, Bootstrap, Jinja, FastAPI

Libraries
- NumPy, Pandas, Scikit-learn ,huggingface , pytorch, sentence transformer

Databases
- SQLite, MySQL , Vector DB

Projects

Sentiment Prediction on Movie reviews
- Built an ML model to predict sentiment of the review text.

Algoswarm Hackathon website
- A web application made using HTML,CSS and javascript used as a main website for a hackathon.

Blog Lite 2.0
- A web application made with Vue JS hosted on Flask Framework, where one can create a blog and see others blogs and intricate via likes and comments.

Blog Lite
- A web application made with Flask framework, where users can share their posts/blogs.
- Flask-Restful library was used for making APIs and requests library was used to make API calls.
- Flask-SQLAlchemy library was used to make DB connect with Sqlite database.

Certificates

- Microsoft certified: Azure AI fundaments