Sharvari 23BCE1309

Chennai, India | sharvari.2023@vitstudent.ac.in | 6379298733 | https://github.com/sharvarirajurkar

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Education

Bachelor of Technology CSE Core – Vellore Institute of Technology, Chennai
CGPA: **9.09**

Experience

Summer Research Intern – VIT Chennai
Dataset Curator & Research Assistant

- Curated **200+ question–answer pairs** for educational NLP pipelines, aligned with curriculum objectives.

- Applied **Retrieval-Augmented Generation (RAG)** to generate **125 high-quality questions**

- Explored **Knowledge-Augmented Graphs (KAGs)** and **Neo4j (Cypher, APOC)** for triplet extraction and knowledge graph automation.

Projects

- **NoteApp** – Full-stack notes app with **APIs, Redis, MongoDB, Vite + React, Tailwind, React Hot Toast** for real-time note management.

- **YOLO Model (DeepNIR Dataset)** – Trained **YOLO model** to recognize fruits using agricultural dataset, with preprocessing and evaluation.

- **Comprehensive Student Portal** – Built with **HTML, CSS, React** featuring authentication, dashboards, and role-based access.

- **Book Recommender AI** – Built a system that cleaned datasets, removed redundancies, applied sentiment analysis, and used libraries to generate personalized book recommendations.

Technical Skills

- **Languages & Programming:** Python, JavaScript, SQL, Java, C++

- **Web Development:** React, Vite, Tailwind CSS, Node.js, Express.js, REST APIs

- **Databases & Storage:** MongoDB, Redis, Neo4j

- **Machine Learning & AI:** YOLO

- **Tools & Platforms:** Git, Docker (basic)