Jyotirmaan Srivastava

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SUMMARY

- Passionate and detail-oriented Computer Science Engineering student with a growing interest in **Generative AI**, **Large Language Models (LLMs)**, and **agentic systems**. Proven ability to manage and execute technical projects showcased through successful hackathon participation and hands-on experimentation with tools like **Crew AI**, **Cursor AI**, and more. Looking forward to applying skills in AI-driven organizations and continuing to innovate in the evolving tech landscape.

EDUCATION

SRM University | TN, IN   **CGPA: 8.25**
*B.Tech in **Computer Science Engineering***   *2021 - 2025*

SKILLS

Programming Languages: Python

Databases: MySQL, MongoDB

Frameworks: React, CrewAI,Google-adk

Softwares / Tools: Figma, GitHub, Vite, Crew AI, Google Studio ,Cursor AI, GitHub-Copilot

PROJECTS

Harve.it | Webdev   *Fall 2024*
- Developed an **agricultural trading platform** using HTML, CSS, Bootstrap, and MySQL, enabling seamless buying and selling of farm products.
- Implemented a **dynamic product carousel** showcasing **100+ listings**, improving user engagement and product visibility.
- Integrated an **email-based inquiry system**, allowing buyers to directly contact sellers, leading to a **30% increase in seller engagement**.

Trip Planning Agentic System | GenAI   *Spring 2025*
- Built a **travel assistant agent** using **Crew AI** that automates itinerary generation based on user preferences like budget, destination, and travel dates.
- Integrated multiple specialized agents (flight searcher, hotel recommender, activity suggester) into a collaborative workflow using the Crew AI framework.
- Used **LLMs to dynamically generate personalized travel plans**, incorporating real-time data from third-party APIs and user inputs.
- Enhanced user experience by allowing users to interact with the agentic system via a **natural language interface**.
- Optimized task execution flow through prompt chaining and agent coordination, leading to improved recommendation relevance.

Latest AI News Aggregator | GenAI   *Spring 2025*
- Designed and deployed an agentic workflow using **Crew AI** to collect, summarize, and categorize the **latest news on AI and machine learning**.
- Built specialized agents for **scraping articles**, **LLM-powered summarization**, and **categorical classification** (e.g., LLMs, policy, research).
- Used **LangChain-compatible tools** with Crew AI to improve modularity and response accuracy.
- Deployed a web-based dashboard using Google Studio for live visualization of the news feed, allowing end-users to filter news by topics or timeline.
- Showcased how agentic systems can perform real-time, multi-step tasks effectively in information-heavy domains.

CERTIFICATES

- **Introduction to Cloud Computing –** COURSERA   Certificate

- **Figma UI/UX Design Essentials –** UDEMY   Certificate

- **Networking Basics –** CISCO   Certificate

ACHIEVEMENTS

2nd Place - Hackatoge   *TEXUS, SRM*
Developed an **agro-based trading platform** using HTML, CSS, and Bootstrap. Secured **2nd place** among 10 teams based on innovation and design.

Participation - Hacksummit 2.0   *ARUSH, SRM*
Built a web platform where users can **upload images of garbage** in their surroundings. A cleaning team reviews the images, identifies the waste type, and takes **prompt cleanup actions**.