Shreya Asthana

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Education

VIT Bhopal University, Sehore, Madhya Pradesh - B. Tech.	CGPA: **9.05/10**	2022-2026

Computer Science and Engineering,
Specialization in Artificial Intelligence and Machine Learning

Aviraj World School, Rewari, Haryana - 12th Standard	Percentage: **92.34%**	2021-2022
Euro International School, Rewari, Haryana - 10th Standard	Percentage: **94.83%**	2019-2020

Technical Skills

Programming Languages: **Python, Java |** Frameworks/Libraries: **Flask, Streamlit, React.js |** Databases: **MySQL, MongoDB |** Frontend: **HTML, CSS (Tailwind CSS) |** Tools: **Git, GitHub, VS Code, Databricks**

Experience

SDE Intern | GenAI and full-stack development | Epilepto Systems   **June,2025-Present**
- Gaining hands-on experience in GenAI and full-stack development using Python and the MERN stack
- Working with modern LLM pipelines involving semantic search, vector databases (ChromaDB), and RAG-based workflows
- Learning to build modular Streamlit apps with clean UI/UX for document intelligence tasks
- Exploring integrations with OpenAI APIs and Databricks for scalable AI and data processing solutions

Projects

Social Media WebApp – MaitriLok |Full Stack (MERN) | Github Link
- Developed a social media platform with posts, likes, comments, feeds, real-time chat, and follow system in a team of 4.
- Assigned to implement the Follow/Unfollow feature and enhance chat between connected users.
- Built the follow/unfollow logic using React.js and MongoDB.
- Improved chat functionality by fetching follower/following lists to enable message exchange only between connected users.

Recipe Finder WebApp | React.js and API Integration | Github Link
- Developed a web application using React.js to help users discover delicious recipes based on their preferred ingredients or dish names.
- Designed and implemented a user-friendly interface for easy recipe search.
- Integrated a recipe API to fetch and display from a diverse collection of over 2 million recipes.

Resume-reviewer— AI-Powered Resume Evaluator| Python (Flask, NLP) and React.js | Github Link
- Engineered a React.js frontend for PDF upload, job description input, and dynamic result rendering using useState, conditional rendering, and Axios for API calls.
- Built a Flask backend to process resumes with pdfplumber, securely integrate Gemini AI using API , and generate AI-powered evaluation responses.
- Implemented logic for ATS score computation, section-wise matching, and professional HR insights using LLMs.
- Designed a clean, responsive UI with a soft pastel theme for seamless user experience.

Co-Curricular Activities

SolVIT Hackathon 2025 – Participant & GenAI Lead
- Developed an economic and efficient automated hiring solution for small-scale businesses as part of a 5-member team.
- Led the integration of Generative AI and NLP to analyze candidate profiles, seamlessly connecting backend intelligence to a React-based frontend.

Peer Support & Team Lead – Machine Learning Research Project
- Guided a team of 5 in a research initiative focused on SLE detection using Affymetrix MicroArray raw data.
- Oversaw task allocation and spearheaded ML model development, with a primary focus on data preprocessing.

Additional Information

Languages Known: English (Fluent), Hindi (Native)
Hobbies & Interests: Painting, Calligraphy, reading spiritual literature, Listening to songs