Yogita Jha

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Summary

- Computer Science student specializing in **Machine Learning, Computer Vision, NLP and SAP**. Passionate about building **AI-powered tools** and data-driven **web applications** with a strong foundation in **scientific computing**, **statistical analysis** and **ERP Systems**.

Education

Degree	Institute/Board	CGPA/Percentage	Year
B. Tech	SRMIST KTR	9.66(current)	2023-Present
BS in Data Science	IIT Madras	9.2(current)	2024-Present
Senior Secondary	CBSE BOARD	88.4%	2022
Secondary	CBSE BOARD	95.4%	2020

Experience

Software Development Intern, Devtatva Technologies – New Delhi,India   May 2024 – June 2024

- Developed interactive **BI dashboards** using **DevExpress** for data visualization and optimized SQL queries to enhance database performance
- Developed Company website using **ReactJs** and integrated responsive design principles.

Projects

Inventra
Personal Project   github.com/yogita005/Inv

- Designed an AI-driven Inventory Management Digital Twin with real-time inventory detection, predictive analytics, automated reordering, and interactive data visualization.
- Tools Used: **Python, Streamlit, OpenCV, TensorFlow, Pandas, Matplotlib, Seaborn, PIL, Scikit-learn, Joblib**

Get Shift Done
Personal Project   github.com/yogita005/gsd

- Developed an AI-powered workforce planning system that automated shift scheduling with real-time updates, predictive analytics, and customizable rules, reducing manual planning time by up to **80%** and improving resource utilization by **40%.**
- Tools Used: **Python, Node.js, React.js, Firebase, MongoDB, Mysql TensorFlow, Rasa, Chart.js, Google STT**

Asana AI
Personal Project   github.com/yogita005/asana

- Developed an AI-driven Yoga Assistant using MediaPipe for **real-time pose estimation**, angle-based **alignment correction, skeleton tracking, time-series analytics, segmentation** and personalized visual feedback with guided session features.
- Tools Used: **Python, Streamlit, MediaPipe, OpenCV, NumPy, Pandas, Plotly, PIL, Matplotlib,Streamlit-WebRTC,HTML/CSS**

Positions of Responsibility

Technical Member, Google Developer Groups On Campus SRM   April 2024 – Present

- Developed a scalable event booking system with seamless Google API integration for real-time scheduling and automation

Technical Lead , Github Community SRM   October 2023 – Present

- Mentored members in **web development**, **AI/ML**, and **competitive programming**; organized hackathons and tech events to enhance collaboration, problem-solving, and innovation

Achievements

- **1st Position** at **GitHub Internal Ideathon 2024**
- **2nd Position** at **Innovatex 2025**
- **Global Rank 97** at **ICPC Taiwan 2024 Coding Contest**
- Tryst IIT Delhi Finfiesta 2025-**Top 10 teams out of 1200+ participants**

Technologies

Languages and Tools: Python, C++, C, Java, SQL, JavaScript, SAP S/4HANA
Web Technologies: HTML, CSS, ReactJs, Next.js, Tailwind CSS, Bootstrap, NodeJs, ExpressJs
Databases & Machine Learning: Google Firebase, MySQL, MongoDB, NumPy, Pandas, Matplotlib, Scikit-Learn, Tensorflow, OpenCV, Streamlit, Tesseract, Transformers, Spacy, PyTorch
Miscellaneous: Git, Bash, Vim, Postman, FastAPI, Docker, Windows, Linux

Certifications

- Data Science Foundation Certificate | IIT Madras
- Machine Learning with Python | IBM
- Introduction to Deep Learning and Neural Networks with Keras | IBM
- Introduction to Java | NPTEL