Yash Mehrotra

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About.

Yash embodies a strong sense of commitment and drive, with a profound passion for web development, quant programming, machine learning, and contributing to technical content and community initiatives.

Education.

Indian Institute of Technology Madras   09/2023 – Present
Bachelor of Science, *Data Science and Applications*

St. James School , Hardoi   04/2009 – 03/2023
Intermediate , *Pure Science*

Projects.

BhashSarthi Project Link   12/2023 – Present

- Developed a web app that converts English text to various Indian regional languages
- Implemented a user-friendly interface with a clean design and easy navigation
- Optimized the entire codebase to improve performance and ensure smoother operation

ChatWallah Project Link   03/2024 – Present

- Developed a chat application that allows users to communicate with each other in real-time while creating a random room
- Integrated WebSocket technology to ensure seamless real-time communication between users.
- Developed a backend server with Flask to handle chat room management and user sessions

Position of Responsibility.

Google Developer Student Club - Indian Institute of Technology, Madras   01/2023 – Present
Mentor, Linux and system commands

- Became one of the founding volunteers for GDSC IITM's Linux division
- Hosted tech talk : Switching to Linux ,Versioning Visions: Git , Github and Beyond
- Leading a community of 340+ in system commands, troubleshooting and OS related problems

Achievements.

Smart India Hackathon   10/2023 – 12/2023

- Helped my team to get into the finals of SIH
- Developed a translation web app that converts English text to various Indian regional languages
- Optimized the entire codebase to improve performance and ensure smoother operation

Skills.

Programming Languages	Web Frameworks	Database	Data science & Machine learning	Automation
Python **C++** **Javascript** **Typescript**	**Node.js** **Express.js** **Flask** **NextJS**	**PostgreSQL** **MySQL** **SQLite**	**Numpy** **Pandas** **Matplotlib** **Seaborn**	**Git** **Github** **Bash** **Docker**

Additional Skills

- Strong problem-solving abilities with experience in debugging complex issues.
- Ability to quickly learn and adapt to new technologies and frameworks.