

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 Bachelor of Science, <i>Data Science and Applications</i>	09/2023 – Present
St. James School , Hardoi Intermediate , <i>Pure Science</i>	04/2009 – 03/2023

Projects.

BhashSarthi Project Link	12/2023 – Present
<ul style="list-style-type: none">Developed a web app that converts English text to various Indian regional languagesImplemented a user-friendly interface with a clean design and easy navigationOptimized the entire codebase to improve performance and ensure smoother operation	
ChatWallah Project Link	03/2024 – Present
<ul style="list-style-type: none">Developed a chat application that allows users to communicate with each other in real-time while creating a random roomIntegrated 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 Mentor, Linux and system commands	01/2023 – Present
<ul style="list-style-type: none">Became one of the founding volunteers for GDSC IITM’s Linux divisionHosted tech talk : Switching to Linux ,Leading a community of 340+ in system commands, troubleshooting and OS related problems	

Achievements.

Smart India Hackathon	10/2023 – 12/2023
<ul style="list-style-type: none">Helped my team to get into the finals of SIHDeveloped a translation web app that converts English text to various Indian regional languagesOptimized 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