



# Jayesh More

Roll No.:220003054

B.Tech

Mechanical Engineering

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology Indore	7.95 (Current)	2022-Present
Senior Secondary	HSC Board	78.17%	2022
Secondary	SSC Board	91.8%	2020

## EXPERIENCE

- Shourya Life Skills Foundation** Aug. 25 - Sept. 25  
*Software Developer Intern*
  - Designed and developed RESTful APIs using **Express.js** and **PostgreSQL**, powering core website operations and backend workflows.
  - Developed a web platform with secure, role-based Admin Panel and multiple frontend modules in **Next.js with TypeScript** to manage website content, images, blogs, and financial records.
  - Implemented **Zustand** for efficient state management with integrated **React Quill** as a text editor for blogs and **Cloudinary** for media uploads.
  - Secured user authentication via **NextAuth** and **AES encryption** for sensitive transaction data, and deployed the Node.js backend on **Google Cloud Run** for scalable, serverless execution.

## PROJECTS

- SaaS Monitoring System** Jan. 25 - Apr. 25  
*Personal Project* Github
  - Built a full-stack SaaS platform using **Next.js**, **Node.js**, **Express.js**, **PostgreSQL** and **Socket.IO** for real-time monitoring of APIs and websites.
  - Developed real-time dashboard and dynamic charts using **Chart.js** to visualize **uptime**, **response time**, and **user traffic** with instant alert notifications for service downtimes.
  - Added **location-based analytics** to view traffic by country and state, helping users understand usage patterns.
  - Created and published a custom **NPM package** for client-side data collection and integrated Razorpay for secure Pro plan payments and automated invoice generation.
- Real Estate Price Prediction** Jun. 25 - Jul. 25  
*Personal Project* Github
  - Built an end-to-end ML regression pipeline using Bengaluru housing data with data cleaning, feature engineering, and outlier handling.
  - Trained and evaluated **Linear Regression**, **Lasso**, and **Decision Tree** models using **GridSearchCV** and **ShuffleSplit** cross-validation for optimal performance.
  - Developed and deployed a Streamlit dashboard enabling real-time property price predictions based on user inputs (sqft, BHK, bathrooms, location), along with EDA and model comparison visualizations.

## TECHNICAL SKILLS

- Programming & Frameworks:** C++, Python\*, TypeScript, HTML, CSS, Node.js, React.js, Next.js, Express.js, Socket.io, Chart.js
- Databases & Data Analytics:** SQL, PostgreSQL, MySQL, MongoDB, NumPy, Pandas, Scikit-learn, Matplotlib
- Other Tools:** Git, GitHub, VS Code, Vercel, Jupyter Notebook, Supabase, Cloudinary \* Elementary proficiency

## KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Basic Calculus, Matrices, Differential Equations, Numerical Analysis
- Computer Science:** Data Structures and Algorithms, Database Management Systems (DBMS), Object-Oriented Programming (OOPs), Operating Systems, Computer Programming

## POSITIONS OF RESPONSIBILITY

- Under Secretary General**, Model United Nations, IIT Indore Dec. 22 - Mar. 24
- Member**, Web Team, Alumni Cell, IIT Indore Jan. 24 - Jan. 25
- Mentor**, IITISOC-24, IIT Indore Jun. 24 - Jul. 24

## ACHIEVEMENTS

- Bronze Medal**, Web Development domain, IITISOC-23 2023
- Codeforces: Specialist (Max 1556)** | **LeetCode: Knight** | **CodeChef: 5 star (Max 2004)** , Present
- Global Rank 14**, Codechef-Starters - 112 Contest 2023
- AIR-12144**, JEE Advanced 2022 among 160,038 candidates 2022