SARTHAK KUMAR

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Mumbai, India

Education

Thadomal Shahani Engineering College(TSEC), India	**(July 2021 - June 2025)**

Branch: Computer | **Avg.CGPA**: 8.73

Mithibai College, India	**(2019 - 2021)**

HSC (Class XII),Percentage:90.33

Sacred Heart Boys' High School, India	**(2019)**

SSC (Class X),Percentage:89.00

Skills

Languages: C++

Technologies: HTML, CSS, NodeJS, ExpressJS, Machine Learning

Databases: MySQL, MongoDB

Tools: Git, Github, Postman, VSCode

Projects

MealMate | EJS | NodeJS | ExpressJS | MongoDB | **Github**
Developed MealMate, a personal Canteen Management System featuring user and admin panels, an admin dashboard for tracking orders, a customer reward system. The system boasts an easy-to-use interface and user experience, enhancing operational efficiency and customer satisfaction. Utilizing EJS, Node.js, Express js and MongoDB, the project streamlined order management and provided robust administrative controls.

Forest Fire Danger Prediction | Machine Learning | Flask | **Github**
Built and deployed a web-based ML application to predict Forest Fire Danger Index (FWI) using the Algerian Forest Fires dataset (244 records); trained and evaluated multiple regression models (Linear, Lasso, Ridge, ElasticNet) and deployed the best (Ridge Regression) via Flask with a responsive HTML frontend. Integrated the model using Pickle for real-time prediction and risk assessment.

Startup-Ticker Web App | MERN | **Github**
Startup Ticker Web App empowers startups by providing a sophisticated crowdfunding platform, seamlessly connecting entrepreneurs with a broad audience for compelling fundraising campaigns and Backers can engage and support startups.

Academic and Extracurricular Achievements

- **Hackathon Participations**
  - *Participated in 7+ hackathons*

- **Certifications**
  - Web Development Bootcamp | Udemy Course | Certificate
  - Advanced AI ML and IOT Workshop | Tsec | Certificate
  - Data Science Using Python | LiveTech India | Certificate

- **Secured 2nd Rank in Semester 2 |** Certificate

Positions of Responsibility

TSEC Institution's Innovation Council | Social Media Coordinator	**Oct'23 - Present**

- Made Posters, Drafts, Advertisements and Videos for events
- Organized Events, Seminars and Webinars