

# HARSH RAJ GUPTA

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## POSITIONS OF RESPONSIBILITY

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### TECHNOLOGY ADVENTURE SOCIETY

#### Web and Core Team Member

Feb 2023 - Present

- In charge of **developing a user landing page** so that participants can sign up for the adventure weekend event.
- Planned adventure weekends with ziplining, rappelling, go-karting, and other activities.

## PROJECTS

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### Portfolio Website:

- built with **React & Next.js** (App Router & Server Actions), **TypeScript**, **Tailwind CSS**, **Framer Motion**, **React Email & Resend**, and **Vercel hosting**.

### Diwali Sales Analysis:

- Performed **Exploratory Data Analysis (EDA)** using **pandas**, **matplotlib**, and **seaborn libraries**.
- Identified the most popular product categories, which will **aid in inventory planning and deciding on lucrative offers to increase sales**.

### Movie-Recommender System:

- The implementation demonstrated **Bag of Words** algorithm and **efficacy in analyzing user preferences** along with providing **noteworthy movie suggestions**, to **enhance the overall user experience**.
- Deployed on Streamlit thus creating a **responsive and intuitive web interface** for users to interact with the recommendation engine.

## EDUCATION

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### B. TECH-Chemical Engineering

Indian Institute of Technology, Kharagpur

2022 - Present

8.82 – up to 3<sup>rd</sup> sem

### AISSE-CLASS XII

St. Mary's English High School

2020-2022

97.2%

## SKILLS

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- **Skills:** Front-end development, Machine Learning, Data Science, Data Structures and Algorithms
- **Tools:** Git, GitHub
- **Programming Languages:** Java, C++, Python

## ADDITIONAL INFORMATION

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- **Awards and Achievements:**
  - **Honorary mentioned in the Namma Yatri Open Mobility Challenge** at the **national level** in the **customer acquisition category**.
  - Emerged as the **second national runner-up** in the **Hero CoLabs Design Challenge 5.0**.
  - Was one of the **top 25 students** from Jharkhand chosen to participate in the **National Indian Olympiad Qualifier in Mathematics**.