

# RAHUL JIGNESH GANATRA

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## EDUCATION

### K J SOMAIYA INSTITUTE OF TECHNOLOGY

Bachelor of Technology, Artificial Intelligence and Data Science

Mumbai  
2026

### ARYA GURUKUL JUNIOR COLLEGE OF SCIENCE

HSC Grade: 77%

Mumbai  
2022

### SHETH KARAMSHI KANJI ENGLISH SCHOOL

SSC Grade: 83%

Mumbai  
2020

## WORK EXPERIENCE

### App Development Intern

Society for Data Science (S4DS), KJSIT Chapter | Jan 2024 – May 2024

- Designed and deployed 3 mobile applications using Flutter and Firebase, reducing project delivery time by 25%.
- Integrated REST APIs for seamless data exchange between mobile apps and databases.
- Collaborated with a team of 5 developers to build scalable, user-friendly applications.
- Conducted usability testing, improving app performance by 15%.

## PROJECTS

### MOUSE CONTROLLER WITH WHITEBOARD FEATURE:

- Developed a gesture-based system to control laptop cursors using Python, Media Pipe, and OpenCV.
- Designed a whiteboard interface to allow cursor movement via directional drawings.
- Improved accessibility for users with physical disabilities.

### ORBVENT:

- Conceptualized a startup idea to streamline event publicity within colleges.
- Developed a mobile app using Flutter, integrating Firebase for real-time event management.
- Assisted colleges in increasing event visibility by 40% through targeted app features.

### STEPS:

- Created a location-based application using Flutter, Django, and MySQL.
- Integrated Google Maps API for dynamic mapping and coordinate-based AI functionalities.
- Utilized JSON for fetching and processing geospatial data.

### PERSONAL VOICE ASSISTANT:

- Designed a voice assistant using Flutter and integrated it with ChatGPT API for enhanced interactivity.
- Achieved 70% voice recognition accuracy, improving user response times.

### STOCKIFY:

- Built a real-time stock prediction platform using Finnhub API for data integration.
- Developed a React-based user interface with advanced data visualization for trend analysis.
- Improved prediction accuracy by 20%, offering actionable insights for investors.

## SKILLS

- Programming Languages:** HTML, CSS, JavaScript, Python, Dart, React
- Frameworks:** Flutter, Django, Flask
- Databases:** MySQL, Firebase
- Tools:** VS Code, Git
- APIs:** REST, Google Maps API, ChatGPT API

## EXTRACURRICULAR ACTIVITIES

### Organizing Head, Student Council, KJSIT

- Led a team of 15 to organize the college's annual cultural and sports festivals.
- Managed logistics, vendor coordination, and participant engagement, attracting 1,000+ attendees.

### Marketing Team Member, Society for Data Science (S4DS), KJSIT

- Spearheaded the organization of Mumbai's first 36-hour offline hackathon, attracting 200+ participants.
- Enhanced event visibility by 30% through strategic social media campaigns.

## ACHIEVEMENTS

- Received a *Letter of Appreciation* from the Head of Department for significant contributions to event organization.