

# Ishanvi Jaiswal

+91 7011317577 | | [linkedin.com/ishanvi-jaiswal](https://www.linkedin.com/in/ishanvi-jaiswal) | [ishanvijaiswal04@gmail.com](mailto:ishanvijaiswal04@gmail.com)

## EDUCATION

### JSS Science and Technology University, Mysuru

2024

*Bachelor of Engineering in Computer Science and Engineering*

GPA: 9.25/10

**Major Courses Taken:** DSA, Operating Systems, Data Communication, Computer Networks, DBMS, Discrete Mathematical Structures, Theory of Computation, Linear Algebra, Artificial Intelligence

### Delhi Public School, R.K Puram

*Class XII, CBSE (2021)*

89.8%

*Class X, CBSE (2019)*

91%

## EXPERIENCE

### Indian Institute of Science, Bangalore

*Research Intern*

August 2023 – February 2024

- Developed a method using Probabilistic Differential Equations to predict stock prices, generating a regression line with a prediction band to account for uncertainty.
- Employed clustering and Kolmogorov Differential Equations to derive a probability distribution for future stock price movements, utilizing the expectation of these probabilities to establish a reliable prediction line.

## PROJECTS

### SJCE Rail

June 2024

- Designed an SQL-powered ticket management website consisting of user, employee and admin logins.

### Customer Segmentation

May 2024

- Grouped customers based on their age, annual income and spending score to better understand the customer base using Kmeans clustering.

### AI Voice Assistant

December 2023

- Crafted a Python-powered AI voice assistant with HTML, CSS, and JavaScript integration, boasting Wikipedia search, YouTube playback functionalities, personalized user greetings, etc.

### Touring and Traveling Website

November 2023

- Designed an SQL-powered tour website featuring destination images, prices, flights, trains and hotels for streamlined user experience.

## POSITIONS OF RESPONSIBILITY

### Linux Campus Club

May 2023 - Present

- As technical coordinator, guided students in web development for Projectify and organized tech fest events including cryptic hunt, trackback, and technical sessions on courses like DSA.

### Computer Society of India

July 2022 - Present

- Drove tech fest organization, event promotion, article editing, and creative installations for technical, publicity, editorial and creative committees.

### Project ReachOut

April 2022 - Present

- Taught underprivileged children in shelter homes and organized camps, outings and fundraising.

### Samarpan

February 2023

- Taught and engaged in extracurricular activities for underprivileged children

### International Road Federation

June 2020-August 2020

- Reviewing the syllabus & course material and creating posters on Road Safety for classes VI-X.

## ACHIEVEMENTS

**Branch Upgradation, JSS STU:** Got a branch change to Computer Science in the top 10 students in college

**Institute's Innovation Council(IIC):** Part of top 10 in capture the flag event in IIC

**Institute of Electrical and Electronics Engineers-student branch(IEEE):** Completed Python Bootcamp

**Delhi Public School:** Academic Scholar

## SKILLS

**Area of Interest:** Data Structures, Python Programming, Operating Structures

**Languages:** C, Java, Python, HTML, SQL

**Operating Systems:** Windows, Linux