



# Raj Gajbhiye

Roll No.: 240101073

B.Tech. in Computer Science and Engineering

Indian Institute Of Technology, Guwahati

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.95 (Current)	2025-Present
Senior Secondary	CBSE Board	91.6%	2024
Secondary	CBSE Board	95.2%	2022

## EXPERIENCE

- Brain Reasearch Consultant** June 2025 - Present  
*World Quant LLC* Remote
  - Using a Quantitative approach to develop Trading Algorithms (alpha) which are systematic investment strategies.
  - Alphas are back-tested on 10 Years US Equity Markets Data and Sharpe Ratio, Turnover and Return are calculated.
  - Generated 14 uncorrelated (with pairwise correlation less than 0.7) trading strategies

## PROJECTS

- Weather Website** June 2025  
*SWC Hackstack* Github
  - Built a responsive web app that fetches real-time weather data using a public API.
  - Implemented city-based search and dynamic display of temperature, humidity, and conditions.
  - Developed with HTML, CSS, JavaScript and integrated with OpenWeatherMap API.
- EventPal – Full-Stack Event Discovery & Management Web App** June 2025  
*SWC Hackstack* Github
  - Built a responsive React web application for discovering, creating, and managing events.
  - Implemented features like event listing, filtering, bookmarking, and calendar view.
  - Added form validation, routing, and persistent storage for smooth user experience.

## TECHNICAL SKILLS

- Programming:** Python, C/C++
- Web Technology:** HTML, CSS, Javascript, ReactJS
- Data Analysis:** Matplotlib, Numpy, Pandas \* Elementary proficiency

## KEY COURSES TAKEN

- Mathematics:** Probability & Random Processes, Discrete Mathematics, Linear Algebra & Number Theory
- Computer Science:** Data structures and Algorithms, System Software (Lab)

## ACHIEVEMENTS

- Codeforces,** Max Rating : 1083
- Associate at Finance & Economics Club IITG (Quant),**

## EXTRA-CURRICULAR ACTIVITIES

- Manthan (Inter Hostel Cultural Competetion),** Participated and secured rank 1 in Sketch video Mar 2025
- Manthan (Inter Hostel Cultural Competetion),** Participated in Mime Mar 2025