



# Anand Kumar

Roll No.:220104010

B.Tech - Civil Engineering

Indian Institute of Technology, Guwahati

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Github | Portfolio

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	6.60 (Current)	2022-Present
Senior Secondary	CBSE Board	74.4%	2021
Secondary	CBSE Board	82.6%	2019

## PROJECTS

- **Airline Flights Dataset Analysis - India** *July 2025 - Aug 2025*  
*Personal Project* [Github Link](#)
  - Performed data wrangling and feature engineering on a dataset of over 300,000 Indian domestic flight bookings using Python, Pandas, and NumPy to prepare it for analysis.
  - Developed visualizations with Matplotlib and Seaborn to analyze pricing trends, discovering that booking a flight within 7 days of departure increases the ticket price by an average of 45-60%.
- **Movie Recommendation System** *Aug 2025 - Sept 2025*  
*Personal Project* [Github Link](#)
  - Designed and deployed an end-to-end Movie Recommendation System to provide personalized movie suggestions using a content-based filtering model built with Scikit-learn and Pandas.
  - Utilized **Python, Scikit-learn, NumPy, Pandas, Streamlit, Git, Git LFS, GitHub, and REST APIs** to build a responsive and visually appealing user interface.
- **E-Commerce Sales Dashboard (Power BI)** *July 2025 - Aug 2025*  
*Personal Project* [Github Link](#)
  - Built an interactive dashboard to analyze e-commerce sales data, enabling real-time insights using slicers, filters, and parameterized drill-down features.
  - Connected multiple datasets, performed data transformations, and visualized metrics through various chart types (bar, pie, donut, line, map, etc.) for decision-making.

## SKILLS

- **Programming:** C/C++, Python\*
- **Web Technology:** HTML, CSS, JavaScript\*
- **Database Management:** MySQL, MongoDB\*
- **Technologies:** MS Office, MS Excel, Power BI, Canva
- **Libraries:** Numpy, Pandas, Matplotlib, Sklearn
- **Operating System:** Windows, Github, Linux\*  
*\* Elementary proficiency*

## KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Partial Differential Equations
- **Computer Science, Computing Lab :** Introduction to Computing in C *\* Elementary proficiency*

## POSITIONS OF RESPONSIBILITY

- **Resources Head,** Fine art club, IIT Guwahati *April. 2024 - March. 2025*
- **Core Team in public relations and branding, Spirit'24,** Sports Fest, IIT Guwahati *Feb 2024 - Feb 2025*

## ACHIEVEMENTS & EXTRACURRICULARS

- **HackerRank,** Secured **5-Star Gold Badge in SQL**, showcasing strong SQL skills. *@anandkumarchatr1*
- **JEE Advanced 2022,** Ranked amongst the top 10% of 0.16 million candidates *2022*
- **Dakshana Scholarship Award 2022,** Awarded with scholarship (free JEE coaching) for being in the top 1% JNV students in Dakshana Selection Test conducted by Dakshana foundation *2022*
- **Jawahar Navodaya Vidyalaya Selection Test 2014,** Selected in the prestigious Navodaya Vidyalaya Samiti, the world's largest fully-funded educational organization operating under the M.H.R.D, India . *2014*
- **INTER IIT Cult MEET 2023,** Represented IIT Guwahati in Canvas painting at the Cultural meet 6.0 *2023*
- **Spardha'24(Athletics),** Secured **bronze medal** in the Inter-hostel sports event *2024*
- **Cross Country'24,** Secured **5th Position** in the Cross country event on republic day *2024*
- **Executive Manager in public relations and branding ,Alcheringa'24,** IIT Guwahati *march. 2023 - march. 2024*
- **Manthan(Annual Inter-hostel Cultural Fest IITG),** Secured **1st Position** in the costume design event Manthan *2023*
- **Executive Team in public relations and branding, spirit'23,** Sport Fest, IIT Guwahati *2023*