

# ROHIT BEJ

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## EDUCATION

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Indian Institute of Technology Kharagpur

Expected: June 2028

Bachelor of Technology in Mechanical Engineering

- Relevant Coursework: Software Engineering Principles, Cloud Computing, Data Structures and Algorithms (C++),
- Artificial Intelligence (Python), Web Development (JavaScript).

## EXPERIENCE

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Cambridge Judge Business School

March 2025 – Present

Research Assistant

Remote

- Conducted large-scale web scraping and data analysis on ISRO's satellite launches, collecting both automated and manual datasets to assess India's space missions.
- Analyzed and compared cost efficiency and performance metrics of approximately 17,000 global satellite launches from countries including the US, Russia, and China.
- Contributed to the development of a AI-based chatbot, customized to retrieve and process satellite launch data for research purposes.
- Refined prompt engineering and instruction design to improve data accuracy, consistency, and quality in satellite information extraction tasks.

## PROJECTS

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Portfolio Website

Technologies: Javascript

- Built a responsive personal website using HTML, CSS, and JavaScript.
- Integrated a **Contact Form** with email functionality through an API.
- Deployed on **GitHub Pages**, optimized for mobile and fast loading.

Titanic Survival Prediction

Technologies: Python, Pandas, Numpy

- Built a **classification model** to predict Titanic passenger survival using Logistic Regression algorithm.
- Performed **data cleaning, feature engineering**, and **EDA** on the Kaggle Titanic dataset.

## TECHNICAL SKILLS

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Programming Languages: Python, JavaScript, C, C++

Frameworks and Tools: React.js, Node.js, Pandas, Numpy, Matplotlib

Concepts: Machine Learning Specialization