

# Priyanshu Prasad

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## EDUCATION

### Bangalore Institute of Technology, Bengaluru

2023–2027

B.E. in Computer Science & Engineering | CGPA: **8.43/10**.

Relevant Coursework: Data Structures, Algorithms, DBMS, Operating Systems

### Air Force School Viman Nagar, Pune

2021–2023

Class XII (CBSE): **89.6%**.

### Air Force School Viman Nagar, Pune

2019–2021

Class X (CBSE): **96%**.

## PROJECTS

### BudgetBuddy – Personal Finance Tracker



*Full-stack Developer (Team)* | Python, Streamlit, SQLite, Pandas

BudgetBuddy is a full-featured expense tracking app that allows users to log personal expenditures, manage peer-to-peer transactions, and visualize financial summaries. I worked on both the frontend interface and backend logic, contributing features such as secure user authentication, password reset, real-time graphs, and CSV export. The interface was designed for accessibility using custom Streamlit styling.

### Bharatiya Antarksh Hackathon 2025 – Halo CME Detection System



*Frontend Developer (Team)* / HTML, CSS, JavaScript

Halo CME Detection System: Developed a real-time, AI-powered dashboard to detect and classify Earth-directed (Halo) Coronal Mass Ejections using simulated particle flux data from ISRO's Aditya-L1 mission. The React-based application features live data visualization, automated noise filtering, and a classification engine with model explainability (XAI) to provide early warnings for hazardous space weather events..

## TECHNICAL SKILLS

**Languages:** C, C++, Python

**Web:** HTML, CSS, JavaScript

**Tools:** Git, GitHub, Streamlit, Pandas, Matplotlib, Seaborn

**Core CS:** Data Structures & Algorithms (C++)

**Soft:** Collaboration, Problem-Solving, Time Management

## LICENSES & CERTIFICATIONS

### Tata – GenAI Powered Data Analytics Job Simulation

*Issued Jul 2025*

Platform: Forage | Credential ID: wqBLGndin7gEcoh8

[Show Credential](#)

### Deloitte Australia – Data Analytics Job Simulation

*Issued Jun 2025*

Platform: Forage | Credential ID: ZuDcykkX26RozPYBN

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## ACHIEVEMENTS

- Solved **120+** problems on LeetCode.
- Represented school in interschool basketball competitions.

## EXTRACURRICULARS

- Member of Sports Club, Bangalore Institute of Technology.
- Member of National Service Scheme (NSS), since 2023.

## ACTIVITIES & INTERESTS

- Team Sports: Basketball, Cricket.
- Strategy Games: Chess (recreational).
- Fitness: Daily gym routine; mental wellness.