

# ANKITA

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## EDUCATION

**Institute of Aeronautical Engineering, Hyderabad, India**  
B. Tech in Computer Science and Engineering (Data Science)  
**KLP Public School, Guntur, Andhra Pradesh**  
12<sup>th</sup> - CBSE  
**KV No.2 Army**  
10<sup>th</sup> - CBSE

Expected graduation: May 2027  
GPA: 8.42/10.0  
May 2023  
GPA: 8.4/10  
Aug 2021  
GPA: 8.9/10

## TECHNICAL SKILLS

Programming Languages: Python, Java, C#, SQL  
Tools: Git and working with CI/CD pipelines  
Front-End: HTML, CSS, JavaScript, React.js  
Back-End: Python, Apache

## INTERNSHIPS

**INCOIS, Hyderabad, Telangana**  
Oceanographic Data Management

May 2025

- Managed marine datasets and applied database tools for ocean research insights
- Worked on large-scale scientific data storage and visual interpretation.
- Utilized SQL and Excel for cleaning and organizing real-time oceanographic data.
- Contributed to generating visual reports that aided researchers in identifying ocean trends.

**VIHAAN TECH SOLUTIONS, Hyderabad, Telangana**  
Python Programming And Machine Learning

May 2024

- Implemented Python scripts and worked on mini project using python libraries
- Learnt basics of Machine Learning and applications.
- Built basic ML models using scikit-learn and pandas for small-scale predictions.
- Gained hands-on experience with Jupyter Notebook, data preprocessing, and visualization.

## PROJECTS

**Finance Planner** ([GitHub](#))

June 2025

- Created a user-friendly Python GUI with SQLite for personal budgeting, tracking income and expenses.
- Offers categorized charts, alerts, and detailed reports to improve financial habits.

**Employee Management** ([GitHub](#))

June 2025

- Web-based CRUD application for managing employee data using HTML, JavaScript, PHP, and MySQL.
- Enables adding, updating, viewing, and deleting employee records with real-time data rendering.

**Multilingual AI Chat App** ([GitHub](#))

Feb 2025

- Developed an AI chatbot capable of understanding and responding in multiple languages using NLP.
- Seamlessly bridges communication gaps, supporting real-time multilingual conversations.

**OceanEye** ([GitHub](#))

July 2024

- Designed an interactive dashboard to visualize and analyze marine datasets using Python, SQL, and Power BI.
- Helped uncover patterns in ocean pollution, temperature, and biodiversity for actionable insights.

**3D Space Explorer** ([GitHub](#))

May 2024

- Building a dynamic 3D planetary simulation using React.js and Three.js for real-time space exploration.
- Enables users to zoom, rotate, and explore celestial bodies in an immersive environment.

## CERTIFICATES

Certified on DevOps Engineering from OneRoadmap

July 2025

Certified on Programming Fundamentals using Python-Part 1 from Infosys Springboard

May 2025

Certified on Advanced SQL from Hackerrank

Feb 2025

Certified on Consultant Job Simulation from Forage (Accenture)

Jan 2025

## CODING PROFILES

[GeeksForGeeks](#) - Solved 250+ problems - Rank 76

[LeetCode](#) - Solved 200+ problems - Rank 580,489