Ankitha Sanapala

Profile Summary

As a Computer Science Engineering student, I've cultivated a strong affinity for both Python and Java. These versatile languages have been my trusty companions throughout my academic journey. Whether I'm crafting elegant Python scripts or immersing myself in the object-oriented world of Java, I find immense joy in solving real-world problems.

Contact details

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Personal information

Citizenship: **Indian**
Languages: **English, Hindi, Telugu**

Technical Skills

- Python , Java , SQL
- Git GitHub MySQL
- Excel (for data handling)
- Frontend: HTML, CSS
- Feedforward Neural Networks (FNN)
- Random Forest Algorithm
- Familiar with SAP Services

Soft Skills

- Communication and team collaboration
- Time Management and Adaptability

Leadership Activities

- **Team Leader - 48Hour Hackathon**
  Led a team in task allocation and solution planning.
- Volunteer and Coordinator at school and college fests
- Team Lead for academic projects

Education

Vel Tech Rangarajan Dr. Sagunthala RD Institute of Science and Technology, *B.tech in Computer Science.*

Percentage : 91% **2026**

Sri Chaitanya Educational Institutions, *Intermediate in MPC.*

Percentage : 96% **2022**

Gowtham EM High School, *Secondary School (10th Standard).*

Percentage : 94% **2020**

Achievements

Smart Farming using FNN *November 2024*
Selected in IEEE Paper Publication by ICRTAC'24
Authors: Franklin Sri Rachan Rondla, **Ankitha Sanapala**, Siva Ganesh Nerusu

Internship Experiences

Java Development Intern ***March 2025***
Shadow Fox Technologies

- Gained hands-on experience in Java programming and basic UI development.
- Strengthened understanding of object-oriented programming and project structuring.

PROJECTS

Tourism Management Website ***OCT 2024***

- Developed a dynamic tourism management platform where travelers discover hidden gems, plan itineraries, and connect with local guides all while celebrating the joy of exploration. **Tools :** JavaScript, HTML, CSS, MySQL

Smart Farming using FNN ***NOV 2024***

- Smart Farming using Feedforward Neural Networks (FNN) is de- signed to recommend the most suitable crop based on soil NPK (Nitrogen, Phosphorus, Potassium) values. This system enhances crop selection accuracy, leading to improved yield and sustainable farming decisions. **Tools:** JavaScript, CSS, HTML, Python, SQL

EV IntelliCare – Vehicle Health Monitoring System ***April 2025***

- Designed a web-based application that predicts EV health status (Good, Average, Critical) using the XG Boost classifier. The system helps monitor electric vehicle performance, enhancing maintenance and safety. **Tools :** Python (XG Boost Classifier), HTML, CSS, JavaScript

Extra Curricular Activities

- Anchored or hosted college events
- Engaged in creative poster and UI design for academic project presentations.
- Received a Bronze Medal in Throw Ball Sports Competition on Sports Day