

# ALANKRITI JAIN

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📍 Bangalore, India

in Alankriti Jain

📁 Portfolio

## Education

**Bachelor of Engineering(B.E.) in Electronics and Instrumentation Engineering,**

2020 – 2024

*Ramaiah Institute of Technology, Bangalore*

- Current CGPA: **8.51/10**
- **Coursework:** Digital system design, analog signals, process control, embedded programming, object oriented programming, iOS Application Development and Fundamentals

## Projects

**IoT based Smart Energy Meter Monitoring with Theft Detection System** 

2023

- Created an intelligent energy meter that can be preloaded with credits, allowing users to manage and monitor their electricity consumption while reducing at least **40%** of incorrect readings.
- Committed to identify instances of **electricity fraud** through **metre bypassing** and **tampering** with metres.
- Created a system to detect anomalies that alerts consumers and authorities via **SMS**
- Incorporated **GSM Module** and **Limit Switch**
- Contributed to a **50%** reduction in rural and urban electricity theft

**Pawsome!** 

2023

- Developed a responsive e-commerce site for a pet shop using **HTML, CSS, and JavaScript**.
- Overcame cross-browser and mobile optimization challenges, ensuring smooth user experience.
- Prioritized clean code and user-centric design for improved site usability.

**ClimaCast** 

2023

- Developed a weather app using **HTML, CSS, and JavaScript**
- Utilized the **OpenWeather API** to fetch and display real-time weather information based on user input.
- Achieved a loading time of **under 2 seconds**, ensuring swift data retrieval for a seamless user experience.

## Work Experience

**Voice Over Artist, William O'Neil India**

2023 – present

- Recorded **200** scripts for William O'Neil product range related to stock market
- It is a **guided video series** that helps investors make educated **investment** choices by learning about the organization and its performance.

## Leadership

**Student Coordinator| Head of Onboard Data Handling Subsystem at S.T.A.R.D.U.ST**

2021 – 2022

- Part of a **100** member team responsible for building student satellites.
- Organized over **20** talks with speakers regarding Embedded C programming, CanSat and Antennas.
- Worked on the Baseline design of a CubeSat which is a miniaturized satellite based around a form factor consisting of **10** cm cubes

## Skills

Programming Language: C/C++

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Designing: Canva, Figma

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iOS Application Development

● ● ● ● ●

Database Management Systems: Relational Databases ( MySQL)

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Others: HTML, CSS, JavaScript

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## Achievements

**Published a paper titled: DigiFarm- A Machine Learning based holistic crop prediction platform** 

2021

- Nat. Volatiles & Essent. Oils, 2021; 8(5)2021
- Aims to help farmers in assessing the crops and predicting weather to enable better management of crisis by at least **35%**
- **Raises awareness** about financial system and government schemes
- Worked on the Machine learning model with the help of, **Random Forest and Gradient Boosting algorithm**, used for regression and classification tasks

## Interests

• Hindustani Classical Music

• Baking

• Reading