ALANKRITI JAIN

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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

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.

Voice-over Artist, *Curiosity EdTech*   2021 – 2022
- Recorded approximately **800** scripts (voice over) for the animated videos with more than 1 million views within an year
- One of India's **fastest growing Ed-Tech** designed to teach coding to students. It has more than a **million downloads** on Google Play
- **Developed scripts** for the videos for most effective learning experience for the young coders

Social Media Manager, *India Lost and Found*   2020 – 2021
- Assisted in curating over **100** Instagram and LinkedIn posts, quizzes
- The curated posts and quizzes received over **8k+** likes. This increased the engagement by **30%**

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++	●●●●○	Database Management Systems: Relational Databases (MySQL)	●●●○○
Designing: Canva, Figma	●●●●●		
iOS Application Development	●●●○○	Others: HTML, CSS, JavaScript	●●●●○

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