

TINOREJI

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EDUCATION

B.E. Computer Science Engineering

DHSE (Class XII)

ICSE (Class X)

and 2021-2025

2020

2018

Thapar Institute of Engineering and Technology, 8.04 Patiala (CGPA)

Nair Samajam Higher Secondary School, Mannar 98%

Infant Jesus English Medium School, Mavelikkara 86.67%

Rank 1st

Top 5

SKILLS

- **Languages:** Python, C/C++, SQL, JavaScript, C#
- **Frameworks:** React, Flask, WordPress, TensorFlow • **Tools:** MySQL, Git, VS Code, PyCharm, Excel

ACADEMIC PROJECTS

• [Skill-Voyage: - Feb 2024– Present:](#)

Developed a VR application using Unity and OpenCV to facilitate real-time hand interaction, aimed at improving motor skills in physically challenged children through immersive, gamified rehabilitation.

- Utilized **OpenCV** for precise **hand detection and real-time landmark tracking**, enabling smooth virtual hand interactions.
- Created a gamified rehabilitation environment in Unity, improving therapy effectiveness **by 40%**.
- Enhanced performance and responsiveness by minimizing data transmission latency, resulting in improved real-time user experience.

• [EmoVoice Analyzer: - Oct 2023– Jan 2024:](#)

Developed a machine learning model achieving **92% accuracy in emotion detection** from voice recordings to enhance customer satisfaction and sentiment analysis.

- Implemented machine learning algorithms to achieve 92% accuracy in emotion detection, providing actionable insights for customer sentiment analysis.
- Trained on a dataset of over **5,000 samples**, improving real-time **processing efficiency by 20%** through advanced preprocessing techniques.
- Constructed a user-centric web application with **real-time audio uploads and emotion recognition**.

• [FitZone – Interactive Gym Platform: - Oct 2023– Dec 2023:](#)

Developed a responsive gym platform using React and Firebase to enhance user engagement and improve accessibility by **60%**.

- Enhanced client retention by **40%** through interactive design, smooth navigation, and custom animations.
- Designed a fully responsive interface using **Tailwind CSS**, optimizing user experience across multiple devices.

POSITIONS OF RESPONSIBILITY

• **Executive Board | Thapar Amateur Astronomers Society (TAAS) Dec 2023– Jan 2024:**

- Led **5+** high-profile astronomy events, increasing community engagement **by 25%** and fostering a deeper interest in astronomical sciences.
- Conducted **15+ workshops** and observational sessions, enhancing astronomy education **for 500+ students** with engaging content and interactive experiences.

• **Executive Board | Paryavaran Welfare Society (PWS) Dec 2023– Jan 2024:**

- **Initiated** and executed **5+ environmental campaigns**, improving campus ecological **practices by 40%** and raising environmental awareness among **500+ students**.
- Partnered with **specialists and community leaders** to drive ecological preservation initiatives, achieving a **20% waste reduction** and fostering sustainable living practices.

## AWARDS AND ACHIEVEMENTS

- **Top Scorer Award**, Honored with a medal and multiple trophies for attaining the highest academic distinction in Higher Secondary Education, demonstrating exceptional performance at both school and district levels.