

# Joshua Anthony Dominic Dcosta

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**Summary** — Engineering student (IT, Data Science Honors) skilled in data analysis, ML, and full-stack development with hands-on project experience. Proficient in Python, Java, Flask, Node.js, React, and data visualization tools. Strong leadership through GATEE SFIT team management and IEEE Webmaster roles, blending technical expertise with collaboration.

## Education

- **St. Francis Institute of Technology, Mumbai** 2022 – 2026  
Bachelor of Engineering in Information Technology CGPA: 7.6
- **Honors:** Data Science

## Certifications

- Introduction to Data Science – IBM, June 2024
- Data Analytics Essentials – Cisco Networking Academy, June 2024
- Career Essentials in Data Analysis – Microsoft LinkedIn, June 2025

## Experience

- Data Science Intern - Shree AGT Multimedia ( Software Development IT Consulting )** June - July 25
  - Explored tools like pandas, matplotlib, and seaborn to build foundational skills in data analysis.
  - Helped prepare reports and visuals for internal team reviews.
  - Assisted in creating internal dashboards and visuals for data review using web-based tools.

## Projects

- Wattsight: Electricity Consumption Analysis and Forecasting** 2022
  - Built a real-time dashboard for state-wise power consumption using React, TypeScript, Supabase.
  - Integrated weather APIs and deployed ML forecasts (MAE/RMSE evaluated) via FastAPI with Recharts/D3.js visualizations.
- Trendify - E-Commerce Website-Colloquium** 2024
  - Built a responsive e-commerce platform using Next.js and Node.js with MongoDB integration.
  - Implemented product listing, payment gateways, and admin dashboard.
- Canteen Management System - Colloquium** 2023
  - Designed a Canteen Management System using Python Flask with menu and order management features.
  - Implemented user authentication and role-based access for security.
  - Developed reporting modules for sales and inventory analytics.
- ESP32-based Flight Controller for Quadcopter-Colloquium** 2024
  - Developed a custom flight controller using an ESP32 and an MPU6050 IMU.
  - Integrated PID control algorithms for stable quadcopter flight.

## Extra Curricular

- Team Manager - GATEE SFIT** 2024–2025
  - Collaborated with sponsors and industry experts for visibility.
  - Oversaw go-kart racing events, logistics and operations.
  - Participated in GKDC-11, 12 a national level Go Karting Competition organized by ISNEE at Kari Motor Speedway Coimbatore.
- IEEE Joint Webmaster- SFIT branch** 2024–2025
  - Updated and maintained chapter website for events and announcements.
  - Designed web games and interactive pages for student competitions.

## Skills

**Languages** Python, Java

**Web & App** Flask, Node.js, Next.js

**Cloud** AWS

**ML/DS** Ms Excel Tableau, Power BI