

Aditya Patil

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Education

St. Francis Institute of Technology | B.E Computer Engineering

[2022-2026]

- CGPA : 8.14

Coursework: Data Structures & Algorithms, Software Engineering, Computer Networks, Operating Systems, DBMS.

Technical Skills

Languages: C++, C, Python, SQL, JavaScript.

Database / Tools: MySQL, PHP, Git, PostgreSQL, Power BI.

Projects

Customer Shopping Behavior Analysis

[February 2026]

- Analyzed 3,900 purchase records and used PostgreSQL queries to identify shopping patterns, top products, and revenue trends.
- Built an interactive Power BI dashboard to visualize demographics, sales trends, and subscription patterns.
- Tools Used: *Python (Pandas), PostgreSQL, Power BI*

Marketing Campaign Performance Analysis

[June 2026]

- Performed data cleaning, feature engineering, KPI calculation in Python, and business analysis using PostgreSQL.
- Built an interactive Power BI dashboard to compare campaign performance, track engagement metrics, and identify top marketing strategies.
- Tools Used: *Python (Pandas, NumPy), PostgreSQL, Power BI*

Math Solver Pro

[January 2025 – May 2025]

- Developed an interactive web application capable of solving symbolic math problems in real time, with detailed step-by-step explanations.
- Combined the capabilities of SymPy and Gemini to ensure precise symbolic computations, while implementing a responsive front-end featuring MathJax for LaTeX rendering and support for handwritten input.
- Tools Used: *Python, SymPy, Gemini, HTML, CSS, JS*

Experience

Android Developer Intern , Google for Developers Virtual Internship - Remote

[May 2024-July 2024]

- Successfully completed a 10-week online internship in contemporary Android app development, endorsed by Google Developers and AICTE.
- Gained hands-on experience in developing Android applications using Kotlin, Android Studio, and Jetpack libraries, with a focus on optimized performance and intuitive user interfaces.

Extracurricular

NSS Unit SFIT

[July 2023-May 2025]

- Contributed to NSS initiatives such as blood donation camps, cleanliness drives, and awareness events by creating posters and digital media content while also coordinating with the team to manage publicity, communication, and promotion of social service activities.

CSI SFIT Student Chapter – Marketing Executive & Joint Head

[July 2023-May 2025]

- Planned and promoted technical events and workshops including Mosaic 2024, Flask Forward, Mosaic 2025, LLM, Cosmic Showdown, Git Smart, and Ghost Protocol. Engaged students through outreach messages, social media campaigns, and effective communication strategies, while also coordinating with potential sponsors to secure funding and partnerships.