Satyam Bhattacharjee

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LinkedIn | GitHub

EDUCATION

Manipal Institute of Technology | *Bachelor of Technology*   Manipal, Karnataka| 2022-2026

- Specialization: Information Technology
- Cumulative GPA**:** 7.24

Shiv Ashish School | *Higher Secondary*   Ahmedabad, Gujarat | 2020-2022

- Percentage in 12th: 91%

SKILLS

- **Software Tools:**   React.JS, Bootstrap, Vite, MongoDB, Tailwind CSS, git, Postman, Express.js, Next.js, PHP, Node.js, NumPy, Matplotlib, Pandas, Keras, TensorFlow , SQL plus, BigQuery, Looker, Figma.

- **Programming Languages:**   C, C++, Java, SQL, Python, Assembly(ARM), HTML, CSS, JavaScript, Shell Scripting.

PROJECTS

- **Research Management System** (*Full-Stack Web Development)*

  - ***Technology Stack*:** PHP, MySQL, HTML, CSS, JavaScript, Bootstrap, Git, Apache
  - ***Features:*** Supports Teachers, Students, and Administrators, research submission by students, publication by teachers, approval workflow management by administrators, data analytics reports on research activities and funding allocation.

- **PassMan** (*Full-Stack Web Development)*

  - ***Technology Stack****:* React.js, Tailwind CSS, Node.js, MongoDB, Express.js, Vite, Git.
  - ***Features***: Secure storage utilizing strong encryption algorithms, user-friendly interface for easy navigation, cross-platform compatibility for accessibility on multiple devices, backup and restore functionality to prevent data loss, robust search feature for quick retrieval of passwords.

- **TodoMaster** (*Front-End Web Development)*

  - ***Technology Stack*:** React.js, Tailwind CSS, Git, Vite, Node.js
  - ***Features*:** Task management (add, edit, delete, mark as complete), responsive design for optimal usability across devices, real-time updates without page refresh, data persistence (tasks removed when marked done), dark mode for accessibility, notifications for upcoming and overdue tasks, search and filter functionality based on status or due date.

- **Twitter UI Clone** (*Front-End Web Development)*

- **Technology Stack**: HTML, Tailwind CSS, Node.js, Git
- **Features**: Responsive design for desktops, tablets, and mobile devices, UI components such as navigation bar, sidebar, tweet feed, profile section, dynamic content simulated using static JSON data, modern styling with Tailwind CSS, interactive elements like hover effects, buttons, and modals.

- **Hate Speech Detection** *(Machine Learning)*

  - **Technology Stack**: Natural Language Toolkit, Pandas, Matplotlib, NumPy, Scikit-Learn, Seaborn
  - **Features**: This project involves analysing tweets from a Twitter dataset to classify them as containing hate speech, offensive language, or neither. The project employs Decision Tree classifiers to perform the classification with an accuracy of 88%.

- **College Campus Network Architecture** *(Cyber Security, Networking)*

  - **Technology Stack**: Cisco packet tracer, VPN, NAC, ZTA, ACLs
  - **Features**: A sophisticated network security project aimed at fortifying an academic institution's IT infrastructure. This project leverages advanced and sophisticated technologies to create a secure hybrid working environment for faculty and students, ensuring protected access to resources in both academic and residential buildings.

*(all the above-mentioned projects are available on my **GitHub** account)*

CERTIFICATIONS

- CISCO | PCAP: Programming Essentials in Python

- CISCO | Introduction to Cybersecurity

- CISCO | Cybersecurity Essentials

EXTRA-CURRICULARS

- **The Economics and Finance Society of Manipal** *(Executive Board Member at the Economics, Finance and FinTech club of our college)*

  General Secretary
  Skills : Leadership, Financial Accounting, Operations, Investments, Market Analysis.

- **Kalakrkiya** *(Board Member & Performer at the Indian Classical Music & Dance Club of our college)*

  Management Head & Performance Committee Member
  Skills : Management, Organisational Skills, Leadership, Indian Classical Music, Music Composition, Percussion.