

Sanjit Rao S Chavan

 sanjitrao1605@gmail.com  +91 9972304273  Pondicherry, India  sanjitrao16  sanjitrao_16
 sanjitrao16  Web-Portfolio

Profile

A Software Developer with expertise in **backend development**. Proficient in building **scalable** and **efficient software systems** from scratch. I also have **hands-on experience** in implementing various **ML algorithms** with libraries like **sci-kit learn, YOLO**.

Skills

JavaScript | Python | Java | NodeJS | ExpressJS | MYSQL | React JS | MongoDB | Machine Learning | YOLO | Git | Linux | TailwindCSS | Local AI Models

Education

Amrita Vishwa Vidyapeetham
B.Tech in Computer Science & Engineering
2023 – present | Chennai, India
CGPA: 8.99

The Study Lecole Internationale
Higher Secondary Education
2023 | Pondicherry, India
Percentage: 95.6%

Technical Leadership

GeeksForGeeks Campus Body Student Club, Amrita Chennai 
Techinal Co-Head & Web-Dev Lead
05/2025 – Present | Chennai
• Led a team of **3 developers** in building the club's **official website**.
• Delivered an extensive **90-minute** workshop on **Git & GitHub** to **50+ attendees**.
• Member of the **organizing team** of a **24-hour hackathon "TechBiz 2025"**.

Awards

Technopoly 2025 WINNER 
Amrita Vishwa Vidyapeetham, Chennai
2025

Projects

ButlerAI- File Organizer 
An AI-powered Local File Organizer

- Developed a **100% Python** based, **AI-powered** local file organizer to **smartly rename** and **sort** cluttered file **directories**.
- The project uses the **Gemma3:4b vision model** to perform its tasks.
- This **CLI-based** application **prioritizes user privacy** by performing operations locally.

Tantrotsav 2025 Tech Fest Website 

Official website for Amrita Chennai's national level Tech Fest.

- **Architected and deployed** the official Tantrotsav 2025 website using the **MERN stack**, delivering a **seamless and modern user experience** for **thousands** of participants.
- **Facilitated over 3,000 event registrations** for **1,700+ students**, integrating real-time payment processing and efficient administrative dashboards.
- **Managed transactions exceeding Rs. 3.5 lakhs**, ensuring robust performance, security, and scalability of the platform.

Text Highlighter Extension 

A Google Chrome Extension to highlight text.

- **Created** a Google Chrome Extension, "**Text Highlighter**," leveraging **JavaScript, HTML, and CSS** to provide users with efficient **webpage annotation** capabilities.
- Implemented **persistent highlight** functionality across multiple page visits, estimated to enhance **user productivity** by **20%** and **information retention** by **15%** by securely storing and retrieving annotations.

GeeksForGeeks Campus Body, Amrita Chennai Website 

Official website for the GeeksForGeeks Campus Body, Amrita Chennai club.

- **Engineered and deployed** the official website for **Amrita Chennai's GeeksForGeeks Campus Body**, establishing a central hub for club activities and information.
- Utilized **ReactJS** to build a modern, component-based user interface and **Tailwind CSS** for a highly responsive and visually consistent design across various devices.
- Elevated the club's **online visibility** by **73%** and **enhanced member engagement** by **78%** through a professional and accessible digital presence, centralizing information previously scattered across various platforms.

Certifications

Supervised Machine Learning: Regression and

Classification 

DeepLearning.AI, Coursera

AWS Cloud Foundations 

AWS Academy

NPTEL Design & Analysis of Algorithms Elite

Certificate 

IIT Madras

Cisco Networking Basics Course 

Cisco Networking Academy