

# Patan Pilli Sujit Rao

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## ABOUT

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Information Technology student with a strong interest in development and teamwork. Passionate about learning new technologies and using them to create efficient and user-friendly solutions. Eager to grow skills in development and contribute to meaningful projects in the tech industry.

## EDUCATION

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### Asansol Engineering College

*Bachelor of Technology in Information Technology*

2021 – 2025

### Sri Chaitanya Techno School

*Higher Secondary School*

2019 – 2021

### The Crescent School

*Secondary School*

2018 – 2019

## PROJECTS

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### Home4Paws | *Django, SQLite, HTML/CSS, JavaScript*

- Collaborated on developing a web platform using Django, focusing on user authentication and enabling pet owners to create profiles and list pets for adoption.
- Managed database operations with SQLite to store and retrieve user and pet listing data, ensuring efficient and reliable platform functionality.
- Implemented features such as owner profile creation, pet listings, and search capabilities to improve user experience in finding pets for adoption.

### Coffee E-commerce Platform | *Python, Django, SQLite, HTML, CSS, JavaScript*

- Collaborated on building an e-commerce platform for coffee products using Django.
- Implemented core features like product listings, cart management, and user authentication to enhance platform functionality.
- Utilized SQLite for efficient database management and maintained seamless backend-frontend integration.

### Dynamic News Portal | *HTML, CSS, JavaScript, NewsAPI*

- Designed and developed a responsive web application for displaying real-time news using NewsAPI.
- Integrated RESTful APIs to dynamically fetch and display news articles.
- Implemented search functionalities, including keyword-based and location-based filters, for enhanced user experience.
- Optimized API data handling by filtering out incomplete or irrelevant articles to ensure high-quality content.

## TECHNICAL SKILLS

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**Languages:** C++, Python, HTML+CSS

**Developer Tools:** Visual Studio Code

**Database:** MySQL

**Coursework:** Database Management System, Object Oriented Programming

**Soft skills:** Self-learning, Adaptability, Teamwork and collaboration.