



Tanmay Patra

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About Me

Curious and driven individual with a strong analytical mindset, a passion for learning, and a commitment to solving complex problems through collaboration, adaptability, and continuous personal growth.

Internship

- **Machine Learning Intern** – CSIR 4th Paradigm Location :- Bangalore
 - Assisted in developing and optimizing ML models for data analysis and pattern recognition.
 - Worked on data preprocessing, feature engineering, and model evaluation to enhance accuracy and efficiency.
 - Achieved **85% improvement** in model accuracy and reduced processing time by **15%**, contributing to a more effective system.
 - Github - [github](#) - [repo](#)

Education

KIIT University

B.Tech CSE (2022 - 2026) - CGPA: 8.28

DAV Public School

Class 10 CBSE (2020 - 2021) – Percentage: 93.4%

Class 12 CBSE (2022 - 2023) – Percentage: 88.4%

Projects

MERN Based TODO: Created a full-stack task manager with CRUD operations and persistent storage using MongoDB, Express, React, and Node.js.

[github.com/ToDo](#)

Weather App (React + Express): Developed a full-stack web application to fetch and display real-time weather data using the OpenWeatherMap API.

[github.com/Weather](#)

Personal Portfolio Website: Designed and developed a responsive personal portfolio using React to showcase projects, skills, and contact information.

[github.com/portfolio](#)

Technologies

Languages: Java, Python, C

Tools & Platforms: Git, GitHub, VS Code, Unix/Linux, JIRA

Concepts: Object-Oriented Programming (OOP), Data Structures and Algorithms, Operating Systems, Computer Networks

Frontend Development: HTML, CSS, JavaScript, Bootstrap, Tailwind CSS (basics)

Course Subjects: Software Engineering, Data Structures Algorithms, Computer Networks, DBMS

Hackathons and Certifications

Hackathons:

1. AI Soc Hackathon

Certifications: 1. [AWS](#) – AICTE 2. [C](#) [Java](#) [Python](#) – Udemy 3. [Problem Solving](#) – HackerRank