

Pratyush Paramanik

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EDUCATION

- Indira Gandhi Institute of Technology** Sarang, Odisha
B.Tech in Computer Science and Engineering; GPA: 8.44/10 Nov 2021 – May 2025
 - Key Coursework:** Object-Oriented Programming, Data Structures, DBMS, Operating Systems
- Shakti Higher Secondary School** Cuttack, Odisha
Higher Secondary Certificate (Science); Percentage: 94.33% 2021

SKILLS SUMMARY

- Programming Languages:** Java, Python, JavaScript, SQL
- Frontend Development:** React, Vite, HTML, CSS, Tailwind CSS
- Data Analytics & Visualization:** Python (Pandas, NumPy), Data Cleaning, Data Visualization
- Tools & Technologies:** Git, GitHub, Jupyter Notebook, Excel, SAP ABAP
- Soft Skills:** Team Leadership, Time Management, Verbal & Written Communication
- Languages:** English, Hindi, Odia

PROJECTS

- Employee Management System:**
 - Role-Based Functionality:** Developed using React, Vite, and Tailwind CSS, enabling admins to assign and track tasks while employees can manage task statuses.
 - Authentication and Dashboards:** Implemented login system and separate dashboards for admins and employees with session persistence using localStorage.
 - Task Features:** Built features to create, assign, accept, complete, and mark tasks as failed.
 - Responsive UI:** Designed a user-friendly and responsive layout using Tailwind CSS for real-time task summaries.
- Personal Portfolio Website:**
 - Developed and deployed a responsive personal portfolio using **React, Vite, and Tailwind CSS**, showcasing **3+ projects**, technical skills, and contact details in a professional layout.
 - Applied **Tailwind CSS** for seamless responsiveness across devices.
 - Integrated **React Router** for smooth navigation and added interactivity through skill badges, previews, and social links.
- Spotify User Insights and Trend Prediction:**
 - Data Preprocessing:** Cleaned and transformed **5,000+ rows** of Spotify user review data using **Python (Pandas, NumPy)**.
 - Exploratory Analysis:** Analyzed rating patterns and behavioral trends using **Matplotlib** and **Seaborn**.
 - Built a **Linear Regression model** using an **80-20 train-test split**, achieving an **R² score of 0.85** and **88% prediction accuracy** in predicting user review scores.
 - Dashboard Visualization (Collaborated):** Contributed to interactive Tableau dashboards; SQL querying handled by teammate.

CERTIFICATIONS

- SAP Certified Associate - Back-End Developer - ABAP Cloud:** (2025)
- Data Analytics Certification:** CTTC Bhubaneswar (2024)
- Full Stack Web Development Certification:** Ediglobe (2024)

VOLUNTEER EXPERIENCE

- Event Organizer** Horizon Cultural Fest, IGIT Sarang
Mar 2024 Organized cultural events, managing workshops and competitions.

HOBBIES

- Exploring Music:** Exploring diverse musical styles and discovering hidden gems.
- Cricket Enthusiast:** Actively participating in local matches with a focus on strategy and team collaboration.