

PRANAB KUMAR SAHOO

Odisha, India

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Education

Raghunath Samabaya Degree Mahavidyalaya, Odagaon

2019 – 2022

Bachelor of Science in Physics

Nayagarh, Odisha

Raghunath Samabaya H. S. School, Odagaon

2017 – 2019

Science

Nayagarh, Odisha

Project Work

E-Shopping | [Link](#)

Bootstrap, ReactJS, Axios, NodeJS, Express, MongoDB

- Created a user-friendly Single Page Application (SPA) using ReactJS for seamless shopping.
- Integrated MongoDB, NodeJS, and Express for secure authentication, registration, and efficient product management.
- Implemented Fetch API for real-time product updates, seamless routing for user navigation, and state management for a consistent shopping cart experience. Overcame challenges, showcasing strong problem-solving skills.

SQL Dev Tools | [Link](#)

ReactJS, JavaScript, SQL Queries

- Developed a comprehensive SQL Dev Tools which empowers SQL developers by providing a user-friendly tool-set for their everyday tasks.
- Integrated powerful features, including a user-friendly interface for executing SQL commands efficiently. The tool facilitates effective management of data integrity and table structure, offering a seamless experience for developers.
- Implemented key functionalities such as the crucial DROP CONSTRAINT command for managing data integrity and structure. Additionally, optimized the tool to efficiently perform common tasks like counting the total number of rows in a table using the widely-used COUNT(*) command. This ensures a streamlined workflow by removing unnecessary constraints and providing quick insights into table data.

People's Food Court | [Link](#)

Bootstrap, JavaScript, jQuery, Ajax

- Designed and developed a fully functional Single Page Application (SPA) as a template for restaurant websites, featuring key sections like the main area, Google location, menu categories, Special category, and a footer with restaurant details.
- Integrated Ajax for dynamic and interactive user experiences, ensuring that content is randomly updated each time the page loads.
- Implemented responsiveness to guarantee a comfortable user experience across various devices, making the restaurant website accessible and user-friendly.

Technical Skills

Web Development: HTML/CSS, JavaScript

Libraries/Frameworks: ReactJS, Bootstrap, Tailwind CSS, MongoDB, Express, NodeJS

Others/Tools: REST APIs, Postman Tool, Git, GitHub

Soft Skills: Teamwork, Problem Solving, Creativity, Adaptability

Extracurricular

Social Winter of Code (SWOC'24)

Dec 2023 – Present

Project Administrator/Contributor

- Initiated as a **Project Administrator** for Season 4 of the **Social Winter Of Code** Open-Source Program.
- Leading and managing the selected project, taking on responsibilities related to project coordination and administration.

Trident Hacks: National Level Hackathon (Round - 1)

Feb 2023 – March 2023

Participant

- Engaged in a dynamic and competitive environment at **Trident Hacks**, a prestigious **National-Level Hackathon**.
- Collaborated with peers to ideate and implement innovative solutions within a limited timeframe, showcasing problem-solving skills and adaptability in a fast-paced setting.

Certification

HTML, CSS and JavaScript For Web Developers from Coursera

Postman API Fundamentals Student Expert from Postman

Geoprocessing using Python from IIRS, ISRO