

# PREMANANDA SAMAL

Bhubenswar , Odisha

☎ [+91-7847867300](tel:+91-7847867300)

✉ [dipaksamal@993gmail.com](mailto:dipaksamal@993gmail.com)

🌐 [Linkdin](#)

🐙 [GitHub](#)

## EDUCATION

**Gandhi institute for education And technology**  
*Btech - Electrical and Computer Engineering - CGPA - 8.32*

**2022 – 2026**

*Bhubenswar,*

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Database Management System (DBMS)
- OOPS Concept
- Web Development

## PROJECTS

**E-Commerce Website** [🔗](#) | [React.js](#), [Redux](#), [Tailwind CSS](#), [Firebase](#), [Stripe API](#)

**2024**

- Designed and developed a full-featured e-commerce website that enables users to browse a wide range of products, add items to a shopping cart, and complete purchases through a secure payment gateway. The platform includes dynamic product listings with advanced filtering and search capabilities, allowing users to easily find and compare products.
- Implemented user authentication and authorization using Firebase, providing role-based access for both customers and administrators. Admins can manage products, orders, and user data, while customers can create accounts, track orders, and view purchase history
- The project also includes a fully integrated payment system using Stripe API for secure and seamless transactions. The website's design is fully responsive, ensuring a smooth user experience across different devices, including mobile, tablet, and desktop. Additional features include product reviews, personalized product recommendations, and a wishlist for customers to save their favorite items.

**Social Media Feed with Infinite Scroll** [🔗](#) | [React.js](#), [Redux](#), [Express.js](#)

**2024**

- Developed a responsive social media platform featuring a dynamic feed with infinite scroll, allowing users to seamlessly browse posts without the need for manual pagination. The application fetches posts in real time as the user scrolls down the feed, providing a continuous flow of content. Each post can include text, images, and videos, with interactive features like likes, comments, and shares to enhance user engagement.
- Utilized Firebase for user authentication, enabling users to log in, post content, and interact with other users' posts. The application supports real-time updates, so users can see new posts from their network without refreshing the page. The backend uses Node.js and MongoDB to manage user data, posts, and interactions, ensuring efficient data handling and scalability.

**Online Quiz Platform** [🔗](#) | [React.js](#), [Redux](#), [Node.js](#), [MongoDB](#)

**2025**

- Developed an interactive online quiz platform where users can participate in quizzes across various topics, track their scores, and compete on leaderboards. The platform offers multiple categories of quizzes, dynamically fetching and displaying questions from a database. Each quiz includes time constraints, automatically calculating scores based on the accuracy and speed of the user's responses. Implemented real-time leaderboard functionality where users can view their rankings and compare their performance with others.
- The platform supports user authentication using JWT (JSON Web Token), allowing users to create accounts, log in, and track their quiz progress over time. Users can save unfinished quizzes and resume later. The backend is built using Node.js and MongoDB to handle user data, quiz results, and leaderboard information, ensuring fast retrieval and storage of data.

## TECHNICAL SKILLS

**Languages:** JavaScript , python

**Developer Tools:** VS Code

**Technologies/Frameworks:** GitHub, ReactJS,NextJS, NodeJS, ExpressJS, Git, Mongo

## CERTIFICATIONS

- ReactJS & Redux - Udemy
- NodeJS with Express & MongoDB - Udemy

## EXTRACURRICULAR

- About the role **Sports or Fitness Activities**
- **Watch Documentoris**