PRITIRANJAN PRADHAN

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PROJECTS

Title: PZero   [pzero.vercel.app](#)

- Developed a full-stack application, featuring **secure email verification** for new users, ensuring only verified accounts can access the platformThe app enables users to track daily expenses with **interactive graphs**, download monthly expense PDFs, and manage tasks with real-time progress tracking.
- **Built a comprehensive workout plan system**, allowing users and gym trainers to create, manage, and follow custom workout programs with a sleek, intuitive UI, transforming how gym clients track exercises.
- **Implemented a weekly workout plan feature**, enabling users to explore **multi-week**, **day-specific** public plans, offering a detailed exercise schedule for **enhanced fitness management.**
- **Created a task management system** with real-time progress tracking and due date features, helping users stay organized and productive.
- **Mobile app version coming soon**, ensuring broader accessibility and a seamless user experience across devices.
- **Tech Stack Use**: React, Node.js, Express, Nodemailer, Mongodb, Tailwind css, Tanstack Query.

Title: Fit World Fitness   [fitpr.netlify.app](#)

- Developed a fitness application using the MERN stack where users can download personalized workout plans in PDF format and see diet plans directly on the page.
- Created an admin panel for managing workout and diet plans (CRUD operations).
- Developed a RESTful API to handle data transactions.
- Implemented Blob for download PDF workout plan files and Search functionality for search files.
- Built a secure user authentication system.
- Designed a responsive user interface with React.js and Tailwind CSS.
- Skills Use: React.js, Tailwind CSS, Node.js, Express, MongoDB, JWT

Title: Talk n Talk Chat   [github.com/prpradhan13/mern-chat](#)

- Developed a real-time chat application using the MERN stack.
- Implemented user authentication and real-time messaging.
- Created RESTful APIs with Node.js and Express.js for managing user data and messages.
- Integrated WebSocket for real-time communication.
- Skills Use: React.js, Tailwind CSS, Chakra UI, Node.js, Express, MongoDB, JWT, Socket.IO

TECHNICAL SKILLS

- **Language:** JavaScript, C++, Python
- **Technology:** Node.js, Express, MongoDB, PostgresSQL, HTML, CSS, React, Tailwind CSS
- **Tools & Platforms:** VS code, Git & GitHub, Cloudinary, JWT, Netlify, Render, Docker
- **Additional Skills:** Nodemailer, Notion software

EDUCATION

- B. Tech (Civil Engineering) | Ajay Binay Institute of Technology | 7.67 CGPA   **2019-2023**
- 12th CBSE | Tetrahedron Higher Secondary School – 57.33% | **2019**
- 10th CBSE | DAV Public School – 79.9% | **2017**

CERTIFICATIONS

- Web Development Training, Internshala
- Internshala Training

Current Status

- Learning new programming languages (C++)
- React Native
- Android develpoment
- Advance Backend