PANKAJ PRATAP SINGH

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Projects

- **Edtech Perception**
  A full-stack EdTech web application designed to gather and analyze user perceptions of educational technologies. The project consists of a React-based frontend hosted on Vercel and a Node.js/Express backend deployed on Render, connected via RESTful APIs.
  Technologies and tools: React,Express,Tailwind CSS,Mongodb,Postman,compass
  - Dynamic UI with responsive design for seamless user experience.
  - REST API integration for efficient data handling between client and server.
  - Authentication Authorization to ensure secure user access.
  - Deployment CI/CD using GitHub, Vercel, and Render for optimized performance..

- **Blog Perception**
  Developed a full-stack web application for user account management and post creation.
  Technologies: React, Tailwind CSS, Appwrite
  - Implemented authenticated login and signup.
  - Enabled users to upload, edit, and delete posts.
  - Added features for generating GIFs and motivational quotes.
  - Ensured a responsive and user-friendly design.

- **Cloud Point**
  Built a weather application leveraging Google Maps and Weather APIs for real-time weather updates.
  Technologies: JavaScript, HTML, CSS

- **Fashion Shop**
  Created a dynamic e-commerce site with cart functionality and item summary view.

Skills

- **Programming Languages:** JavaScript, C/C++

- **Technologies:** React js,Express js, Mongodb, Redux-Toolkit , Tailwind, HTML, CSS

- **Developer Tools:** Github,Azure,Postman,Appwrite, VS Code

Education

- **B.Tech in Electronics and Communication Engineering**
  University Institute of Engineering and Technology, MDU   CGPA: 7.6 (up to 4th semester)

- **XII (BSEB)** – A.N. College, Patna   71.2% (2022)

- **X (CBSE)** – Vidya Niketan School, Patna   79% (2020)

Hobbies and Personality

- **Content Creation:** Manage a YouTube channel (Pankaj Perception) to explore philosophical ideas and encourage meaningful discussions.