

PURAB SINGLA

Full Stack Engineer (MERN)

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CAREER OBJECTIVE:

Full Stack Engineer (MERN) specializing in building scalable, real-time web architecture. Proficient in React.js, Node.js, and Socket.io with experience in open-source development. Seeking a challenging development role to deliver high-performance, production-grade software solutions.

TECHNICAL SKILLS:

- Frontend: React.js, Next.js, Tailwind CSS, shadcn/ui, Material UI, HTML5, CSS3, JavaScript
- Backend: Node.js, Express.js, Bun, REST APIs, TypeScript
- Databases: MongoDB, MySQL, SQLite
- Tools: Git, GitHub, NPM, Vite, Electron.js
- Concepts: Component Design, Responsive Design, Performance Optimization, Version Control

PROJECTS :

React Pro Kit

Open Source Project

- Created a reusable UI component library to accelerate front-end development.
- Engineered customizable components with Tailwind CSS and ShadCn UI.
- Set up an efficient development environment using Vite and TypeScript.
- Achieved 5 weekly downloads on NPM.
- NPM Package : [npmjs.com/package/react-pro-kit](https://www.npmjs.com/package/react-pro-kit)

Collaborative Whiteboard App

Full Stack Project

- Developed a low-latency collaborative whiteboard using Socket.io namespaces to isolate drawing sessions, supporting 50+ concurrent users.
- Implemented automatic room cleanup after 24 hours of inactivity to keep things lightweight.
- Enabled persistent drawing storage in MongoDB, allowing users to restore their sessions.
- Live Demo : whiteboard-alpha-nine.vercel.app

EDUCATION:

Bachelor of Technology – Computer Science and Engineering

2021 – 2025 | Jan Nayak Ch. Devi Lal Memorial College of Engineering, Sirsa, Haryana

SOFT SKILLS

- Problem Solving & Critical Thinking
- Adaptability & Quick Learning
- Time Management & Responsibility
- Team Collaboration & Communication
- UI/UX Attention to Detail