

# PURAB SINGLA

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## Full Stack Engineer (MERN)

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### CAREER OBJECTIVE:

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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:

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- 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 :

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#### 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://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](https://whiteboard-alpha-nine.vercel.app)

### EDUCATION:

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Bachelor of Technology – Computer Science and Engineering

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

### SOFT SKILLS

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