Piyush Suthar

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Education

Poornima College Of Engineering   August 2023 – April 2027
Bachelor of Technology in Computer Science & Engineering — GPA: 8.35 / 10.00   *Jaipur, Rajasthan*
- **Relevant Coursework:** Data Structures and Algorithms , Full Stack Engineering , React Native Mobile App Development

Open Source Contribution

HacktoberFest-2025   Oct 2025
Contributer   *Remote*
- Contributed in two-three Golang-based project , raised 12 PR's out of which all PR's are merged within two-three days , worked mostly on bugs , syntactic errors and on some new features as well.
- Implemented WebSocket-based real-time messaging in a Golang chat application, improving message latency and connection stability.
- Contributed to FyneWire - Packet sniffer with AI-powered filtering using Gemini , solved some golang-based issues

Projects

Gifhub | *React.js , Tailwind CSS , Giphy API , React Router DOM*
- Built a GIFs website using React.js — a frontend application using the Giphy API to fetch real-time GIFs, featuring favorite GIFs storage and share options.
- Fully deployed on Vercel. [Live Demo] [GitHub]

Chess-Backend | *Node.js , Express.js , Socket.io , Vanilla CSS*
- Developed the backend for an online chess game with complete game logic and WebSockets for efficient real-time gameplay between two users.
- Implemented real-time game using Socket.io and deployed the server on Render. [Live Demo] [GitHub]

Collider | *React 19.2 , TypeScript , Tailwind CSS , Recharts , Canvas API*
- Built a Physics based fun project , where we create collision between particles and measure all it's related metrics like momentum , kinetic energy , paticle speed , energy loss with their at moment graph visualization for easier understanding.
- Used Typescript for strict typing , used recharts library for visualizing graph data and used javascript's canvas API for drawing particles. [Live Demo] [GitHub]

Taskify | *TypeScript , React Native , Expo , Convex , Sentry*
- Developed a Todo mobile (CRUD) application using React Native and Expo with TypeScript as the primary language. Integrated Convex for backend and server functions and Sentry for monitoring user actions and feedback.
- Implemented notifications, dark mode, user profiles, and analytics to track todo statistics and completion metrics. [GitHub]

SecureChat | *Nextjs16 ,Typescript ,Realtime Upstash , Redis , Elysiajs , Tanstack Query , Zod*
- Built a secure real-time chat application using nextjs16 , where 10 minute room can be created , after time expires room automatically destroyed and all messages are deleted from redis database user can destroy room by itself before time.
- Their is a specific room id for each room and only two users can join room at max with same room id , user can create and join an existing room using room id. [Live Demo] [GitHub]

Technical Skills

Languages:C++ , Python , JavaScript , TypeScript , Go.
Technologies: ReactJS, React Native , Expo ,Express.js, Bootstrap , Node.js , TypeScript , Convex , MongoDB , MySQL , Appwrite , Axios , Tailwind CSS , WebSockets , Zustand , React-Router , JWT , Git , Github . i18next.
Concepts: Operating System , Computer Networks , Object Oriented Programming , Databases , APIs, Database Normalization, Agile Application Development.
Achievements: Solved 300+ Leetcode problems on data structures and algorithms.
SuperContributer in hacktoberfest-2025 after 12 PR merged in total on various projects.