PIYUSH KUMAR
Web Developer

Piyush0808k@gmail.com
LinkedIn::Piyush kumar
Github:Piyushk8

EDUCATION

Bachelor of Technology
Maharaja Agrasen Institute of Technology
2022 – 2026, Rohini, Delhi • **CGPA 8.2**

WORK EXPERIENCE:

Open Source Contributions
The Palisadoes Foundation
My contributions – link
My issues – link

CSRBOX

Front End Developer – 06/2024 08/2024

completed a 6-week Front-end Web Development Internship of IBM SkillsBuild summer internship program in collaboration with CSRBOX

RELEVANT PROJECTS:

Snaply – Repo

Social-Media App
- Snaply Scalable social media platform built with **Next.js, Prisma, and PostgreSQL** uses Tanstack Query for optimistic updates.
- **Real-time** updates Ensures a seamless and interactive user experience.
- **Responsive UI** Optimized for all devices with a smooth user interface.

Live Demo

Chatties - Repo
PERN BASED REAL TIME SCALABLE CHATAPP
- Chatties Scalable real-time chat app built with PERN Stack **PostgreSQL, Express, React,** Node.js) and Drizzle ORM.
- Real-time messaging Uses Redis Pub/Sub and Kafka for efficient multi-instance communication with socket.io.
- Key features Online status, message alerts, group chats, file uploads, and responsive light/dark mode UI.

Live Demo

CloudIde - Repo
cloud-based IDE with Complete isolation with Docker containers Quick Spin ups
- Enabled **real-time collaboration** via **WebSockets & Docker** containers
- Configured **Nginx** reverse proxy and **S3** for file persistence
- Tech Stack: React, TypeScript, Vite, Monaco, xterm.js, Docker, WebSocket, Nginx, S3

ChatterBox - Repo
Mern Based Chat Application
- Real-time Chat application built with MERN Stack, RTK Query, and Socket.io.
- Instant messaging Supports real-time one-on-one and group chats
- File sharing Cloudinary powered Seamless file uploads for enhanced communication.

SKILLS:

- Frontend: React, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS
- Backend: Node.js, Express.js, GraphQL, REST APIs
- Databases: PostgreSQL, MongoDB, Drizzle ORM, Prisma
- Real-Time & Messaging: Socket.IO, Redis Pub/Sub, Kafka, WebSocket
- DevOps & Cloud: Docker, AWS S3, Nginx, GitHub
- State Management: RTK Query, React Query
- Tools & Platforms: Git, GitHub, Vitest, Jest