Praveen Kumar

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Education

Indian Institute of Technology (Indian School of Mines), Dhanbad	Expected May 2026
B.Tech- Mineral and metallurgical Engineering	*Dhanbad, Jharkhand*

- **Relevant Coursework:** Data Structures and Algorithms, C Programming, Numerical Methods, Engineering Graphics, Mathematics I & II, Business Strategy, Market Analysis, Statistical Methods.

Experience

JMD Groups	Remote
Full-Stack web development Intern(As a team leader)	*Oct 2023 - Nov 2023*

- Led the development of both frontend and backend components, improving team efficiency by 25% and project performance by 20%.
- Improved project efficiency by 20% through management consulting and Enhanced team efficiency by 25%.
Completion Certificate

AuctionX	Remote
Full-Stack web development Intern	*Oct 2024 - Nov 2024*

- Worked on Admin panel (profile updation, auto time increment, configure page debugging)
- Currently working on Auction creation in different condition completion certificate

Projects

Event Management Web App | *Javascript,React.js, Node.js, Express, MongoDB,AWS, Tailwind, OAuth,JWT, Google Pay*   Github

- * Built 6+ core pages including Landing, Projects, Payments, and Contact, increasing user engagement by 25%. Analyzed 15+ projects to identify modern web trends.
- * Integrated Google Pay for seamless transactions, reducing payment failures by 30%. Enabled Google OAuth and SMTP-based email alerts for 1000+ users.
- * Implemented real-time validation using React Hook Form and Zod, cutting user form errors by 70%. Used Cloudinary for optimized image uploads, improving load time by 40%.

Llm-doc-processor(Hackathon)

Next.js,React, TailwindCSS,Python(FastAPI,MongoDB,SQLAlchemy),OpenAI/Groq API, Pinecone,PyPDF2,Docker Github

- * Engineered a scalable LLM-powered document processing platform that automated extraction and interpretation of unstructured data (PDFs, Word, emails), reducing manual review time by 60%.
- * Designed and deployed a semantic search pipeline with Pinecone + OpenAI, improving clause retrieval accuracy by 40% compared to keyword-based search.
- * Built a FastAPI backend with MongoDB SQLAlchemy, enabling sub-200ms queries and 3x wider document coverage.
- * Developed a Next.js + Tailwind frontend with structured JSON outputs and 85%+ test coverage for production-grade reliability.

SocialSphere -Complete Social Media Platform

Next.js,React,TypeScript,TailwindCSS,Prisma ORM,PostgreSQL,Socket.io,WebRTC,Stripe,OpenAI API,JWT,Docker Github

- * Engineered a scalable social media platform with real-time encrypted messaging, posts, stories, and marketplace features, handling 1k+ concurrent users using Next.js, Prisma, and Socket.io.
- * Integrated Stripe payments and AI-powered content moderation (OpenAI), improving transaction security and reducing harmful content by 40%.

Technical Skills

Tech stack: C/C++, JavaScript, HTML/CSS, Tailwind CSS, Node.js, React, Express.js, Next.js, Typescript, Python
Programming : Competitive Programming, Data Structures and Algorithms,OOPs, DBMS, Operating System
Tools : Git & GitHub, VS Code, MongoDB, PostgreSQL, Postman, Apache JMeter, Katalon Studio
Soft Skills : Teamwork, Leadership, Communication, Creative Thinking, Analytical Skills, Logical Reasoning, Adaptiveness.

Achievements

- **C++:** Solved 750+ problems: Codeforces (1315+ rating), CodeChef (3 star), LeetCode, HackerRank
- **Hackathons:** Successfully cleared the first round and advanced to the second stage in **Adobe India Hackathon** and **HackRx 6.0 (Bajaj Finserv)**, gaining valuable exposure to industry-level problem solving.
- **District Rank–9:** Secured 9th rank in the district in Class 12th board examinations.

Positions of Responsibility

Core Member(Active as CMT) : Kartavya - NGO run by Student body of IIT(ISM) Dhanbad.