Yashaswi Kumar Mishra

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🌐 [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

Profile Summary

Aspiring Software Developer skilled in full-stack development with **React.js**, **Next.js**, **Node.js**, and **PostgreSQL**. Experienced in building scalable **SaaS platforms**, **real-time applications**, and **AI-driven solutions**. Proficient in **Agile methodologies** and delivering **user-focused designs** using **modern technologies**.

Skills

Programming Languages: TypeScript, JavaScript, Rust, C/C++, Java
Frameworks & Libraries: Express.js, Next.js, React.js, Hono.js, Actix, Axum, Tailwind CSS
Technologies & Tools: PostgreSQL, Docker, Prisma ORM, Drizzle ORM, MongoDB, Redis, Kafka, tRPC, Git, Redux, Tanstack-Query

Education

Manipal Institute of Technology   July 2023 - Present
B.Tech. in Computer Science and Engineering   *CGPA: 9.63/10*
Relevant Coursework: Object Oriented Programming, Databases, Discrete Mathematics, Data Structures and Algorithms

Projects

Ping Panda
Developed a real-time SaaS monitoring app that delivers alerts directly to Discord for critical events like sales, user signups, and errors. Features a ' buy once, use forever ' model.
- **Highlights:** Enabled users to create events using their own API keys, instant Discord notifications using Discord Bot, used React Query for efficient state management, and optimized backend performance with Hono.
- **Tech Stack:** Next.js, TypeScript, Hono, PostgreSQL, Prisma ORM, React Query, Stripe Integration.

Quill
Created a SaaS platform enabling users to chat with AI, leveraging the context of uploaded PDFs for intelligent responses.
- **Highlights:** Integration of Vector Database and AI Embeddings using Gemini and LangChain. Implementation of Optimistic updates and Infinite Queries for smooth UX.
- **Tech Stack:** Next.js, TypeScript, tRPC, Prisma ORM, Pinecone, LangChain, Stripe.

Bud Auction
Developed a dynamic auction platform with real-time bid validation, Discord notifications for outbids, and a user-friendly interface. Optimized backend logic for enhanced performance.
- **Highlights:** Developed real-time bid validation, in-app and Discord notifications on getting outbid, seamless updates, and user-friendly auction interfaces.
- **Tech Stack:** Next.js, TypeScript, Drizzle ORM, PostgreSQL.

Eco Cart
Built an AI-powered shopping app promoting sustainability by generating eco-friendly product lists, enabling real-time collaboration, and emphasizing user-focused design.
- **Highlights:** Implemented AI-powered list generation, suitable Eco products using AI, real-time collaboration, and a user-focused design emphasizing sustainability.
- **Tech Stack:** Next.js, TypeScript, Prisma ORM, PostgreSQL.

Certificates

- Developing Back-End Apps with Node.js and Express (IBM)
- React Basics and Advanced React (Meta)
- Programming with Rust Specialization (Edureka)