

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, GraphQL, 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

UptimeX

Developed a real-time SaaS monitoring app that tracks HTTP, TCP, and database servers, delivering instant email alerts for server downtime, uptime, and SSL certificate status.

- **Highlights:** Enabled users to monitor servers and SSL certificates seamlessly, instant notifications using WebSockets (GraphQL Subscriptions), integrated status page generation, utilized React Charts for efficient uptime trend, and built a modern, responsive UI with Tailwind CSS.
- **Tech Stack:** Next.js, Node.js, GraphQL, PostgreSQL, Sequelize, WebSockets (GraphQL Subscriptions), TypeScript, Tailwind CSS

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.

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)