

Yashaswi Kumar Mishra

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yashaswi-portfolio.vercel.app

Skills

Languages: TypeScript, JavaScript (and Node.js), Rust, C/C++, Java

Frameworks & Libraries: Express.js, Next.js, React.js, Hono.js, Actix, Axum

Technologies & Tools: PostgreSQL, Docker, Prisma ORM, Drizzle ORM, MongoDB, Redis, Kafka, tRPC, Tailwind CSS, Git, Redux, Tanstack-Query

Education

Manipal Institute of Technology

B.Tech. in Computer Science and Engineering

July 2023 - Present

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

Designed a dynamic auction platform for real-time bidding, bid tracking, and notifications for auction updates

- **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 a collaborative eco-friendly shopping app that generates AI-powered shopping lists, tracks environmental impact, and simplifies sustainable shopping.

- **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

- Programming with Rust Specialization on Coursera
- Developing Back-End Apps with Node.js and Express by IBM
- React Basics and Advanced React by Meta