

YASH KALANGE

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Skills

HTML | CSS | Tailwind CSS | JavaScript | TypeScript | NodeJS | Express | React | MongoDB | SQL | Prisma | Git | C++ | Java

Projects

1. Pencil Path | [Github](#) | [View](#)

- Built using HonoJS (Cloudflare Workers), TypeScript, Prisma, and PostgreSQL for a highly scalable and efficient backend, with responsive frontend features.
- Enables user authentication (sign-in/sign-up), input validation using Zod, and interactive blog functionalities like writing and viewing blogs.
- Implemented skeleton loaders for a seamless user experience during data fetch operations.
- Utilized Prisma ORM with PostgreSQL for robust data management and query optimization.

2. ZapX-Metaverse | [Github](#) | [View](#)

- Developed using React, GSAP, and Tailwind CSS to create a feature-rich platform with a focus on visual engagement.
- Leveraged GSAP for implementing dynamic animations, including fluid section transitions and interactive scroll-based effects.
- Utilized Tailwind CSS to design an adaptive interface, ensuring seamless usability across various devices.
- Designed multiple sections, each with distinct animations, to highlight the immersive possibilities of Metaverse gaming.

3. Sentinel Bank | [Github](#) | [View](#)

- Developed Sentinel Bank, a MERN stack application with 100% secure transaction handling, ensuring atomic operations and rollback mechanisms similar to UPI within 24 hours.
- Implemented advanced features, including 3+ search filters using MongoDB \$regex, 2+ schema references for data linking, and robust authentication/validation using JWT and Zod.
- Achieved 50% faster UI development by leveraging Tailwind CSS, reducing the need for extensive custom CSS.

4. Personal Portfolio | [Github](#) | [View](#)

- Designed and developed a portfolio website using React, showcasing projects, skills, and a contact form with an uncomplicated and straightforward UI.
- Built a fully responsive, mobile-first web application, ensuring an optimal user experience across diverse devices and screen sizes using modern front-end technologies.
- Integrated Dark Mode and Light Mode toggle with Context API, enhancing accessibility and user preferences.

Positions of Responsibility

CodeHub 2023 | Media Lead

Oct'23 - July'24

Designed and produced promotional materials, including posters and flyers, for over 10 events using Canva, significantly improving event visibility and participation.

Certifications/Courses

Programming in Java NPTEL | [View](#)

Jan'23- Apr'23

Data Structures and Algorithm Fellowship | [View](#)

June'23 - Nov'23

Microsoft Azure Fundamentals | [View](#)

Jan'24-Feb'24

100xDevs Cohort 2.0 | [View](#)

Dec'23-July24

Coursework

- Object Oriented Programming, Data Structures and Algorithms, Database Management System, Computer Networking, Operating Systems

Education

AISSMS IOIT College, Savitribai Phule Pune University , India

2021 - 2025

BE in Computer Engineering | CGPA: 8.0/10