

Shubham Siwach

Software Developer

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SUMMARY

Full Stack Developer with 2+ years of experience in building **scalable B2B applications**. Expertise in **designing high-performance systems, optimizing cloud deployments, and integrating event-driven microservices**. Skilled in **React.js, Next.js and Node.js**, with hands-on experience in **AWS, Docker, and Kafka**.

EXPERIENCE

Software Developer

August 2023 – Present

Happiest Minds Technologies

Noida, Uttar Pradesh, India

- Optimized and restructured **PepsiCo's B2B landing page**, reducing load times to under **10ms** for better performance.
- Developed a **centralized notification dashboard**, reducing issue resolution time by **30%**.
- Optimized database queries, reducing data retrieval time by **40%** for high-traffic applications.
- Implemented **Kafka-driven microservices**, enhancing real-time data processing by **30%**.
- Worked with clients to refine business logic, increasing operational efficiency by **10%**.
- Expanded the **PepsiCo Customer Engagement Portal** from B2B to B2C, enabling seamless interaction and personalized experiences for end-users.

PROJECTS

Crunchyroll Anime & Video Streaming

Next.js, Nest.js, Kafka, HLS, Supabase, MongoDB, Tailwind CSS, FFmpeg

- Developed a high-performance **video streaming platform** with **adaptive bitrate streaming** using **HLS and FFmpeg**.
- Built a **scalable CMS backend** with **Nest.js** and implemented **event-driven pipelines** using **Kafka** for efficient data processing.
- Enabled **geo-location-based content recommendations** to personalize video delivery for users.
- Live Demo:** [Crunchyroll Anime Streaming](#) **GitHub:** [Crunchyroll Repo](#)

Manga Reader - Online Manga & Book App

Next.js, Tailwind CSS, NextAuth, MongoDB

- Developed an optimized **Manga & Book reading platform** with enhanced image loading performance.
- Implemented secure user authentication using **NextAuth** with Google login.
- Integrated a **nested comment system** to increase user engagement by **90%**.
- Live Demo:** [Manga Reader](#) **GitHub:** [Manga Reader Repo](#)

Mero - Real-Time Meeting & Whiteboard

Next.js, LiveBlocks, Canvas API, Clerk, Convex, Tailwind CSS, ShadCN

- Developed a **real-time collaborative whiteboard** for virtual meetings and brainstorming sessions.
- Integrated **LiveBlocks** for real-time updates and **Convex** for efficient data synchronization.
- Implemented **role-based access control** using **Clerk** for secure meeting room management.
- Live Demo:** [Mero - Real-Time Collaboration](#) **GitHub:** [Mero Repo](#)

TECHNICAL SKILLS

Frontend Development: React.js, Next.js, React Native, Tailwind CSS, Material-UI, shadcn/ui

Backend Development: Node.js, Express.js, Nest.js, TypeScript, JavaScript, Microservices, REST APIs, Kafka, Redis, GraphQL

Cloud & DevOps: AWS (S3, EC2, Lambda, RDS, DynamoDB, API Gateway, IAM, CloudFront), Docker, Supabase

Databases: MongoDB, MySQL

EDUCATION

Maharishi Markandeshwar University

Ambala, Haryana

Bachelor of Technology in Computer Science | CGPA: 9.00/10.00

2019 – 2023