Shubham Siwach
Software Developer

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SUMMARY

Full Stack Software Developer with 1.7+ years of experience building scalable B2B web applications using React, Next.js, Node.js, TypeScript, and Kafka. Skilled in optimizing performance and integrating cloud-based solutions with AWS, Docker, and CI/CD pipelines. Currently exploring and learning Java Spring Boot.

EXPERIENCE

Software Developer   August 2023 – Present
Happiest Minds Technologies   *Noida, Uttar Pradesh, India*

- Revamped PepsiCo's B2B landing page, reducing load times to under 10ms and improving user experience.
- Engineered an integrated notification dashboard that centralizes alerts and reduces issue resolution time by 30% within the first month.
- Optimized database queries, cutting data import and retrieval times by 40% for high-traffic applications.
- Integrated Kafka for data enrichment and robust event-driven processing in backend services.
- Collaborated with clients to refine solutions, leading to a 10% increase in satisfaction.

PROJECTS

Crunchyroll Anime & Video Streaming

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

- Engineered a high-performance anime streaming platform with adaptive bitrate streaming using HLS and FFmpeg.
- Architected a scalable Next.js frontend and a robust Nest.js CMS for efficient content management.
- Leveraged Kafka for real-time data enrichment and managed event-driven video encoding pipelines.
- Enabled geo-location-based content recommendations for personalized video availability.
- **GitHub:** Crunchyroll Anime Streaming Repo

Manga Reader - Online Manga & Book App

Next.js, Tailwind CSS, NextAuth, MongoDB

- Created a high-performance platform for manga and book reading with optimized image loading for seamless user experience.
- Integrated Google authentication using NextAuth for secure user access.
- Built a nested comment system that boosted reader engagement by 25%.
- **Live Demo:** Manga Reader   **GitHub:** Manga Reader Repo

Mero - Real-Time Meeting & Whiteboard

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

- Designed a real-time collaborative meeting platform with an interactive whiteboard for brainstorming sessions.
- Integrated LiveBlocks for seamless real-time collaboration and Convex for efficient data synchronization.
- Implemented role-based access control using Clerk to secure meeting room management.
- **Live Demo:** Mero - Real-Time Collaboration   **GitHub:** Mero Repo

TECHNICAL SKILLS

Backend Development: Node.js, Nest.js, TypeScript, JavaScript, Java, Spring Boot, REST APIs, Kafka
Frontend Development: React.js, Next.js, React Native, Tailwind CSS
Cloud & DevOps: AWS, Docker, Jenkins
Databases: MongoDB, SQL, Firebase

EDUCATION

Maharishi Markandeshwar University   Ambala, Haryana
Bachelor of Technology in Computer Science | CGPA: 9.00/10.00   *2019 – 2023*