

Dhirendra Vikram Singh

Noida, India

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EXPERIENCE

Frontend Developer Intern

July 2025 - Present

[Stock Register](#)

Remote Work

- Built a unified profit reporting module for Stock Register's inventory management SaaS platform, encompassing item-wise, client-wise, and date-wise dashboards using **React.js**.
- Utilized **TanStack Query** to handle server-state globally, ensuring optimized caching, background refetching, and minimized network requests across all report pages.

Full Stack Developer Intern

April 2025 - June 2025

[SkyFunnel.ai](#)

Noida, India

- Developed type-safe **tRPC APIs** in Next.js/TypeScript, cutting client-server latency by 30%.
- Integrated **Redis** caching for high-traffic endpoints, reducing response times from 800 ms to <200 ms.
- Resolved critical bugs and optimized Prisma/PostgreSQL models, improving platform stability and boosting trial-to-paid conversions.

Website Developer

April 2024 - September 2024

[Ekohum Foundation](#)

Remote Work

- Revamped the NGO's website from scratch, modernizing design and enhancing functionality.
- Improved navigation and accessibility, leading to a **40%** increase in user engagement.

TECHNICAL SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Tailwind

Backend: Node.js, Express.js, Hono.js, RESTful API, Websockets, GraphQL, tRPC, Redis

Developer Tools: Docker, Kubernetes, Kafka, Prometheus, Grafana, AWS, Git/GitHub

Databases: MongoDB, MySQL, PostgreSQL, ORMs

PROJECTS

Zync : Automation Builder Platform | [Source Code](#)

Tech Stack: *TypeScript, Next.js, Node.js, Kafka, PostgreSQL, Prisma, Docker, Tailwind*

- **Zap + Sync** - An open-source automation platform that connects **webhooks**, **triggers**, and **actions** using an event-driven architecture.
- Built a **transactional webhook** server using the **Transactional Outbox Pattern** to ensure atomic persistence of triggers and reliable event publishing.
- Developed a two-stage processing pipeline with **KafkaJS**: an **Outbox Processor** that publishes events to Kafka, and a **Trigger Processor** that consumes from Kafka and dynamically executes associated actions for each zap.

Thumble : Data Labelling Platform | [Source Code](#)

Tech Stack: *TypeScript, Next.js, Node.js, RPC, PostgreSQL, Prisma, Solana, AWS S3, Tailwind*

- A platform that lets **YouTubers** upload **thumbnails**, gather feedback through **crowd voting**, and automatically pay helpers (voters) via **blockchain**.
- Built separate frontend apps for YouTubers and helpers, each with tailored workflows, secure **Solana wallet** authentication, and direct **AWS S3** thumbnail uploads using **preSigned URLs**.
- Integrated backend and asynchronous worker services with the blockchain via **RPC APIs** for automated transaction validation and payouts.

Other Projects : [2D-Metaverse \(Github\)](#) | [Google Docs Clone \(Live\)](#) | [AI voice based mock Interview Platform \(Live\)](#)

EDUCATION

JSS Academy of Technical Education

Bachelor of Technology in Electronics and Communication Engineering

Noida, India

2021-2025