

Suksham Sharma

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SKILLS

- **Languages:** TypeScript, JavaScript, C++, Python, SQL
- **Frameworks:** Node.js, Express.js, NestJS, ReactJS, Next.js, React Native
- **Tools and Technologies:** Git, Docker, MySQL, PostgreSQL, Prisma, Drizzle, MongoDB, Redis, AWS, Azure, Postman, Jest, Posthog, CICD, Kubernetes, Kafka

EXPERIENCE

Founding Engineer

June 2025 - Present

Zosima.AI

- Built and scaled an AI-driven LMS and coding assessment platform (Next.js, Express, PostgreSQL, AWS ECS) serving 5,000+ daily users with 99% uptime
- Owned end-to-end system architecture, CI/CD pipelines, and deployments, ensuring high reliability, security, and performance across all environments.
- Integrated AI-assisted learning and automated evaluation using Judge0, custom AI models, and adaptive assessment logic, enabling personalized learning experiences at scale

Software Developer

Jan 2025 - April 2025

Infina AI

- Developed and launched MVP with Next.js, Redis, GCP, LangChain, Pinecone and Vercel AI SDK, offering an AI super teacher, mock tests, and curated JEE/NEET prep journeys
- Built CI/CD pipeline and observability using New Relic, Clarity, and automated deployments for performance monitoring and seamless updates

Software Developer

July 2024 - Nov 2024

YourToken - Repcus Labs

- Implemented custom Shopify solutions for Various D2C brands for their requirements + improving customer retention. Some of the Major features: GeoLocation Restriction, Campaign Offers, Bundle Offers
- Developed a Next.js dashboard and NestJS backend to enhance brand analytics, customer tracking, and service customization

PROJECTS

StreamSync

Collaborative Video-Watching Platform

- Developed a platform for real-time collaborative video watching via WebSockets, featuring secure video uploads via pre-signed URLs and HLS transcoding for adaptive bitrate streaming.
- Implemented a worker based MUX pipeline efficient transcoding and served videos and images via a CDN to reduce server load and ensure low-latency delivery.

Crashpad

Self-hosted Error Monitoring – Replay-First Debugging

- Built a self-hosted error monitor where session replay leads the debugging surface — on every runtime error the SDK flushes a 30s rrweb circular buffer (DOM, clicks, network, console), and a custom DevTools-docked player scrubs the stack trace, network, and console panels in lockstep with the DOM replay on one timeline.
- Shipped the ingest path end-to-end: @crashpad/sdk browser instrumentation, a source-map upload CLI, and an Elysia/Bun API with a server-side stack resolver that reconstructs minified production traces into source-mapped frames with surrounding code context.

Optionista

Opinion Trading Platform

- Designed a modular backend using Node.js (Express), ensuring scalability by decoupling services for dynamic workload-based scaling.
- Utilized Redis queues and Pub/Sub for asynchronous task processing, implemented in-memory storage for low-latency operations, and ensured data persistence with Amazon S3 and an archiver for durable storage.
- Integrated a WebSocket server to replace polling, enabling real-time interactions. Optimized PostgreSQL (via Prisma) with an archiver to store non-essential data, reducing workload on the main engine.