

Sanyam Rathore

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CAREER SUMMARY

Full-stack engineer with 4 years building event-driven systems, internal tooling and dashboards for enterprise workflows/apps. Designed a Saga-orchestrated automation platform on Salesforce CDC — BullMQ queue, idempotency guards, human-in-the-loop approval gates — cutting manual intake overhead by 75%. Instinctively builds for resilience and operator clarity, not just throughput.

TECHNICAL SKILLS

- **Frontend:** React, Next.js, Typescript, JavaScript, TanStack Query, Redux, Tailwind
- **Backend & Databases:** Node.js, Express.js, PostgreSQL, MongoDB, Prisma, OAuth2, Clerk, Redis/BullMQ
- **Cloud:** AWS (REST API gateway, Lambda), Azure (Functions, VM, ACI)

PROFESSIONAL EXPERIENCE

CloudEQ | Chandigarh, India (Hybrid)

3 yrs 4 months

Software Engineer II

Aug 2025 – April 2026

- Architected an event-driven automation platform on **Salesforce CDC** with a stateless **Node.js** ingestion layer, **Redis/BullMQ** queue partitioned by opportunityId, and a **MongoDB-backed Saga** Orchestrator – incorporating compensating transactions, a idempotency guards and human-in-the-loop approval gates via Jira webhooks, cutting project intake overhead by 75% across Jira, Teams, and SharePoint.
- Engineered **fault-tolerant** distributed system with horizontally scalable worker tiers, BullMQ exponential-backoff retry scoped to transient 5xx failures, MongoDB saga state as source of truth, and **idempotency guards** ensuring zero duplicate resource creation — achieving 99% reliability and zero data loss at 500+ events.
- Integrated **Microsoft Graph API** to automate Teams channel creation and SharePoint file migration (2,000+ documents), improving cross-platform collaboration efficiency by 40%.
- Designed and built a custom, high-performance budget-vs-variance **analytics table** from Figma using **React and TypeScript (no table library)** with fixed + scrollable metric columns, expandable multi-level rows, multi-range date comparison, and windowed loading so only on-screen data is fetched, keeping large-dataset interactions fast.

Software Engineer I

Jan 2023 – Aug 2025

- Built event-triggered **AWS Lambda (Node.js)** integrations between HALO ITSM ↔ Jira and ServiceNow ↔ Jira, accelerating ticket resolution by 25% and eliminating ~80% of manual ticket synchronization.
- Developed scalable web applications utilizing **React.js, TypeScript, Node.js,** and MongoDB implementing robust SSO authentication via Azure AD for 450 enterprise users.
- Optimized a custom Resource & Project Management **UI**, reducing page load time by 800ms, improving Core Web Vitals, and driving a 10% increase in user engagement.

InfoHub Innovations – Mumbai, India (Remote)

5 months

Software Engineer I

Aug 2022 – Dec 2022

- Engineered secure **Node.js** backend services utilizing OAuth 2.0 and automated CMS data ingestion for 4,000+ monthly articles, reducing data errors by 60%, and refactored **React.js** frontend architecture, improving LCP by 10% and CLS from 0.23 to 0.12.

Persistent System – Nagpur, India (Remote)

8 months

Software Developer (Intern & FTE)

Dec 2021 – Aug 2022

- Worked on IBM Netezza data-warehouse appliances, using nzcli/nzsql on top of **PostgreSQL** to monitor and maintain SPUs, debug SQL workloads, and gain exposure to containerization (Docker) and large-scale analytical database environments.

PERSONAL PROJECT

StreamSync (Real time video sharing SaaS)

Tech-stack: Next.js, Electron.js, Express.js, Socket.io, AWS CloudFront, PostgreSQL, Prisma, Tailwind, Clerk, Whisper AI

Designing a full-stack desktop application for real-time video sharing, with low-latency streaming via Socket.io and architecting global distribution with AWS CloudFront, and leverage Whisper AI to generate titles, descriptions, and transcripts from video.

EDUCATION & CERTIFICATIONS

Lakshmi Narain College of Technology Bhopal, India

Aug 2018 – June 2022

Bachelor of Technology, Computer Science and Engineering

GPA Grad: 8.57/10

- Microsoft Certified: Azure Fundamentals - AZ-900 • Power Platform Developer Associate - PL-400