

Sanyam Jain

Senior Full-Stack Engineer · Material+

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SUMMARY

Senior full-stack engineer with 7 years building production product surfaces across web, hybrid mobile, and native iOS. Frontend center of gravity (React, Next.js, TypeScript) with backend, REST API design, and AI / GenAI integration to ship the whole thing.

EXPERIENCE

Senior Full-Stack Engineer · Material+ (formerly Srijan Technologies)

Jun 2021 to Present

Gurgaon, India (Remote)

- Lead engineer on a multi-brand publisher platform powering consumer-facing news and lifestyle surfaces on React + Next.js; own frontend architecture and performance budgets, and mentor across squads.
- Shipped a hybrid mobile app live on the App Store (Capacitor + native iOS Swift modules); owned the app shell, native module surface, and state-sync contract between native and webview across multiple publisher brands.
- Led the rebuild of the ads delivery SDK around Prebid.js header bidding: modular adapter surface for multiple demand partners, consent integration, and instrumentation tying revenue movement to specific code changes; now the platform's primary monetisation path.
- Designed and prototyped a retrieval-augmented (RAG) commerce widget with hybrid retrieval and HyDE query rewriting over an 18K-product pgvector index, MiniLM embeddings, and a locally-hosted qwen3:8b LLM (~25ms p50); production target: Claude (Anthropic).
- Drove Core Web Vitals and performance optimization: image pipeline, render-blocking audits, and Lighthouse-CI gates that fail the build on regression; moved p75 LCP into the green band on key consumer surfaces.
- Built and lead adoption of a shared Claude Code (AI assistant) toolkit (20+ skills, 10 agents, 20+ commands) covering Jira MCP, GitHub workflows, the ticket-to-PR loop, and code reviews; defines how the engineering team uses AI-assisted development.

Software Development Associate · Accenture

Aug 2019 to Jun 2021

Pune, India

- Shipped React + Next.js features for enterprise clients in agile pods; owned UI implementation end-to-end from spec to production and consistently landed sprint commitments on time.
- Drove front-end performance on a flagship client surface: cut LCP from ~4.1s to ~2.3s (Lighthouse) via code-splitting, image-loading audits, and render-blocking JS cleanup; trimmed initial bundle by ~22%.
- Contributed core components to a shared design system (Storybook) adopted across 5+ project teams; ran onboarding sessions and documented usage patterns to speed up new-squad integration.

SKILLS

Frontend

React · Next.js · TypeScript · Tailwind CSS · Design systems
· Core Web Vitals · Accessibility (WCAG AA)

Backend & infra

Node.js · REST APIs · Microservices · Event-driven systems (NATS, queues) · Docker · CI/CD · Observability (OpenSearch, New Relic)

Working knowledge

Java · Spring Boot · Python · Data pipelines (BigQuery)

Mobile

Capacitor · Native iOS (Swift) · Native and webview state contracts

AI

LLM integration · Retrieval-Augmented Generation (RAG) · Hybrid retrieval (dense + sparse + RRF) · Claude (Anthropic) · pgvector

EDUCATION

B.Tech, Computer Science & Engineering · JECRC Foundation, Jaipur · 2015 to 2019