SUJEET KUMAR

Full Stack Engineer • React • Next.js • React Native • Flutter • Node.js • TypeScript • AWS

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SUMMARY

Full-stack engineer taking products from zero to production in React, Next.js and React Native on Node.js and Python backends. Builds ZCoded and EUCLID at Acutus AI; sole engineer behind Empathy (20K+ downloads, later sold).

EXPERIENCE

Acutus AI Noida, Uttar Pradesh, India
Software Engineer Apr 2025 – Present
Decision-intelligence startup; its products include ZCoded (pre-launch behavioural simulation), QMAPI and EUCLID.

- Built ZCoded's **FastAPI** and RabbitMQ agent pipeline: 72 metrics, **80–90% client-verified accuracy** in simulating real users
- Added credit-based billing and an API for enterprise clients, and built **EUCLID**, a privacy-preserving synthetic-data SaaS
- Created ZCoded's **React** web UI and **persona chat** across frontend and backend, so users can question each persona
- Designed a **React and Chart.js** dashboard that tracks QMAPI qualification metrics across **5,000+ daily surveys**
- Implemented a gamified reward system for the Opiniomea survey platform in **React and Redux**
- Migrated QMAPI's REST API to **TypeScript**; sped up data access with Redis caching, pagination and query tuning

Studyspot India Pvt. Ltd. Hybrid
Software Engineer Jan 2024 – Feb 2025
*Ed-tech company whose platform, 360tutoring, connects **15,000+ students** with tutors across India.*

- Built the student and tutor app in **Next.js** with an **Express.js** API on MongoDB, MFA, KYC and role-based onboarding
- Delivered location-based tutor search on the **Google Maps API** with MongoDB geospatial indexes
- Set up CI/CD with GitHub Actions and AWS ECR, cutting deployments **from hours to about 8 minutes**
- Added Socket.IO messaging and notifications; wrote tutor pricing logic based on qualifications, location and expertise

Business Curative Remote
Software Engineer Intern Apr 2024 – May 2024

- Migrated the WordPress site to **React and TypeScript** on its REST API and GraphQL, with zero downtime

PROJECTS

Empathy | *React Native (Expo), Elysia (Bun), NestJS, MongoDB, Redis, AWS EC2* App Store | Google Play
Emotional support app connecting users with trained listeners over chat and calls; built as the only engineer on a two-person team; later sold.

- Grew to **20K+ downloads**, **2,000 MAU** and a 4.5-star rating, with **INR 1.5 lakh monthly revenue** (peak INR 10K/day)
- Built the **React Native (Expo)** app with Expo Router, NativeWind and a 15+ component design system from Figma
- Shipped real-time chat, audio and video calls (GetStream) and tipping via Razorpay on Android and StoreKit IAP on iOS
- Wrote the **Elysia and NestJS backend** on MongoDB and Redis on AWS EC2, with Grafana monitoring

Simplify | *Next.js, TypeScript, PostgreSQL, Drizzle ORM, Tailwind CSS, OpenAI API* GitHub | Live
Web app that turns YouTube playlists into structured courses with progress tracking and notes.

- Built a responsive **Next.js** app on PostgreSQL (Drizzle ORM) with Better Auth, YouTube API and **OpenAI** grouping

OPEN SOURCE

GetStream stream-video-js | *React Native SDK, found while building Empathy*

- Fixed a callingx bug where calls with a scheme-less Android Telecom address crashed system_server and rebooted ColorOS, Realme and Oppo phones; maintainers cherry-picked my fix (#2452) into #2453 with authorship preserved
- Root-caused an Expo plugin bug (#2313) that reset ios.forceStaticLinking and broke Skia builds; filed repro and fix

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python | **Databases:** SQL (MySQL, PostgreSQL), NoSQL (MongoDB, Redis)
Frontend & Mobile: React, Next.js, React Native (Expo), Flutter, Redux, HTML, CSS, Tailwind CSS, Shadcn, Chart.js
Backend: Node.js (Express, Elysia, NestJS), FastAPI, REST, GraphQL, WebSockets, RabbitMQ, JWT, Jest, PyTest
Cloud & DevOps: AWS (EC2, ECR, S3, Bedrock), Docker, GitHub Actions, Vercel, Git, OpenTelemetry, Grafana
LLM & AI Tools: AWS Bedrock, OpenAI API, multi-LLM orchestration, prompt engineering, Claude Code, Cursor

EDUCATION

Dyal Singh College, University of Delhi Delhi
Bachelor of Science in Computer Science Aug 2021 – Jun 2024