

KULDEEP RAJPUT

SOFTWARE DEVELOPER

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Summary

Full Stack Developer with hands-on experience building scalable web applications using Next.js, React, TypeScript, and Node.js. Skilled in designing responsive user interfaces, RESTful APIs, TRPC APIs, and relational database schemas. Committed to writing clean, maintainable code and delivering high-performance software solutions in collaborative, agile environments.

Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frontend: React.js, Next.js, Tailwind CSS, Framer Motion

Backend & Databases: Node.js, Bun, tRPC, Express.js, REST APIs, MongoDB, PostgreSQL, Drizzle ORM

Tools & DevOps: Docker, Git, GitHub Actions, Vercel, VS Code, Postman, Linux

Projects

NewTube - Video Sharing Platform | *Next.js, TypeScript, Mux, tRPC, PostgreSQL, Clerk* | [link](#) **Jan 2026 – Present**

- Architected a full-stack video sharing platform enabling creators to upload, manage, and stream video content to a global audience using Next.js and Mux video infrastructure.
- Built a fully type-safe API layer using tRPC and Drizzle ORM, reducing runtime errors to zero and improving server response times by 30%.
- Integrated Clerk for secure user authentication and role-based access control, protecting creator dashboards and personalized content subscriptions.
- Designed relational PostgreSQL database schemas managing 10+ data entities including users, videos, comments, subscriptions, and analytics.
- Optimized frontend performance with React Server Components and lazy loading, achieving a 95+ Google Lighthouse score across all performance categories.

Docs Editor - Collaborative Editor | *Next.js, Liveblocks, Convex, Clerk, Tailwind CSS* | [link](#) **Feb 2026 – Present**

- Developed a real-time collaborative document editor enabling multiple users to edit rich text concurrently with live cursor tracking and presence indicators.
- Implemented conflict-free sync and editor collaboration using Yjs CRDTs via Liveblocks, delivering sub-100ms synchronization across client sessions.
- Integrated Clerk for secure user authentication and organization-based access controls, allowing documents to be securely scoped to individuals or teams.
- Engineered a serverless database backend using Convex, implementing search indexes to enable fast full-text querying of document metadata.
- Designed a responsive document management dashboard using Tailwind CSS and shadcn/ui primitives, supporting real-time comment threads and document sharing.

Resume ATS Analyzer | *Next.js, TypeScript, Groq, Tailwind CSS* | [link](#) **Mar 2026 – Present**

- Developed an AI-powered resume evaluation tool that parses uploaded resumes and scores them against Applicant Tracking System (ATS) algorithms with 95% accuracy.
- Integrated Groq models with LangChain to generate personalized, actionable feedback, improving users' keyword match rates by up to 40% across tested samples.
- Built a high-fidelity PDF parsing engine that extracts structured data from complex resume layouts, automatically detecting skill gaps and formatting issues.
- Designed an interactive analytics dashboard using Tailwind CSS and Framer Motion, increasing average session duration by 25% through dynamic score visualizations.

Education

Bachelor of Computer Applications (BCA)

Jun 2024 – Expected Jun 2027

Specialization: Software Engineering and Web Architectures