Rakshit Pathak

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Skills

Languages: Javascript (ES6+), Typescript, HTML5, CSS3

Frontend: React.js, Vue.js, Next.js, React Native, Redux, Pinia, SaSS, Tailwind CSS, Shadcdn/ui, Material UI
Backend: Node.js, Express.js, Prisma, GraphQL, REST APIs, PostgreSQL, MongoDB
Tools: Vite, Git, Docker, Prisma Studio, Supabase, Firebase, Postman, Vercel

Experience

Software Developer, Cogniwerk (Creative AI International GmbH) - Germany (Remote)   **Sep 2023 - Feb 2026**

- Built a multi-model generative AI interface supporting models like SDXL and FLUX, enabling users to run 5+ AI workflows concurrently.
- Reduced performance and page load times by ~40% by redesigning frontend architecture using Vue.js and Vite, improving Lighthouse performance scores from ~70 to ~95, and significantly improving UI responsiveness.
- Developed REST APIs and fixed backend bugs using Node.js and Express, reducing backend error and crash reports by ~25%
- Developed a Canvas API–powered image editing tool allowing users to paint, mask, and modify specific regions of AI-generated images
- Developed a custom AI model training pipeline allowing dataset uploads and personalized model creation
- Built a scalable asset management system supporting folders, tags, workspaces, and advanced search, improving organization of 100k+ generated assets

Software Developer, Digilet Labs LLP - Hyderabad, India (Remote)   **May 2021 - Sep 2023**

- Developed and launched 3 SaaS products end-to-end, from architecture to production deployment, collectively serving 200k+ users.
- Developed a cross-platform real-time voice communication mobile application with scheduling and group moderation with React Native, reaching 50k+ downloads.
- Built a workspace for docs with rich text editor features in Slate.js, including embeds, mentions, and tables.
- Designed and implemented version control feature for documents including merge requests, diff, etc.
- Developed a microservice to transform HTML, MD, and DOCX files to JSON.
- Led the team and built core features like PWAs, dark mode, push notifications.
- Conducted technical interviews with candidates and provided detailed feedback to the hiring team.

Education

Bachelors in Computer Applications - Amrapali Institute of Applied Sciences   **Aug 2018 - Nov 2021**

Projects

Somatic Stroop Test   **Github | Live Demo**

- Built a cognitive assessment platform using Next.js, Prisma, and PostgreSQL to implement a Somatic Stroop Test capturing millisecond-level reaction time data for behavioral experiments.
- Implemented automated CSV export of experimental datasets, enabling researchers to download structured trial-level data for statistical analysis in tools like Excel, R, or Python.

Tsukuyo   **Github | Live Demo**

- Built a responsive anime discovery platform using React.js and React Query, optimizing API data fetching, caching, and state synchronization.
- Implemented advanced search, infinite scrolling pagination, and a favorites feature to enhance UX.