Sudhanshu Ranjan | Senior Software Engineer

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PROFESSIONAL SUMMARY

- Senior frontend engineer with 6+ years of experience building and maintaining applications
- Detail-oriented in frontend architecture and cross-browser behavior, with hands-on experience handling real browser constraints
- Comfortable collaborating with product, design, and backend teams to deliver features end-to-end

EXPERIENCE

Fletch   Hyderabad, India
Senior Software Engineer (Frontend Lead)   Dec 2022 – Present

- Led frontend architecture for a multi-tenant pet insurance platform supporting partner-specific subdomains and flows
- Implemented multi-pet policy purchase flows, enabling users to manage and insure multiple pets seamlessly
- Designed and built a configurable internal form builder supporting validations, API calls, and multi-screen flows
- Implemented a cross-browser inter-window communication system using postMessage with a handshake-based request–response pattern, ensuring Safari compatibility
- Developed a generic analytics framework with pluggable providers (GTM, GA, Adobe, Rakuten)
- Designed and executed A/B testing experiments that improved funnel conversion metrics
- Integrated PCI-compliant payment providers for secure policy purchases
- Automated email template generation using MJML and GitHub Actions
- Designed and shipped partner-facing widgets using Web Components, enabling framework-agnostic, drop-in integration across partner websites
- Maintained frontend infrastructure, CI/CD pipelines, and dependency upgrades
- Mentored engineers and standardized Git workflows, PR reviews, and task tracking via Linear

Interview Kickstart   Remote
Software Engineer   Nov 2021 – Nov 2022

- Led frontend internationalization (i18n), enabling platform localization for global markets
- Integrated payment gateways to support domestic transactions in India
- Built a flexible analytics tracking framework across multiple tools
- Improved developer experience with API mocking, Storybook documentation, and shared components
- Set up a monorepo for internal npm packages
- Contributed backend APIs to support new platform capabilities
- Led sprint ceremonies and mentored developers on architecture and best practices

Aptus Data Labs   Bangalore, India
Software Development Engineer (Frontend Lead)   Jan 2019 – Aug 2021

- Led frontend development for large-scale data analytics platforms
- Built UIs for intelligent supply chain planning systems with interactive dashboards
- Implemented role-based access control (RBAC) and advanced user management
- Migrated the frontend codebase to TypeScript for improved safety and maintainability
- Developed KPI dashboards using Chart.js
- Automated deployments using Docker and GitHub Actions
- Built backend APIs using Django and Go

PROJECTS

Expense Buddy   github.com/sudokoi/expense-buddy
- Modern cross-platform expense tracking app built with React Native and Expo
- Track daily expenses with categories, CRUD operations, and history organized by date
- Includes visual charts showing spending patterns and breakdowns by category
- Supports secure GitHub-based sync of expense data with conflict resolution and offline-first behavior
- Works on iOS, Android, and web via Expo with theming and reusable UI components

Portfolio & Blog Website   github.com/sudokoi/portfolio
- Personal portfolio and blog built using Remix and deployed on Cloudflare Pages
- Showcases projects, writing, and links to online presence with custom theming
- Includes support for dynamic OG image generation using modern tooling
- Uses TypeScript and MDX for content with clean responsive UI
- Focused on performance, accessibility, and simplicity

EDUCATION

Silicon Institute of Technology   Bhubaneswar, India
B.Tech in Computer Science   2015 – 2019
- GPA: 8.85 / 10
- Coursework: Computer Architecture, Algorithms, Database Systems

Delhi Public School   Bokaro Steel City, India
Higher Secondary School   2013 – 2015
- Result: 91.2%
- Subjects: Physics, Chemistry, Mathematics, Computer Science

SKILLS

- Core: TypeScript, JavaScript (ES6+), React, Next.js, Remix, React-native
- UI: MUI, Chakra UI, Tailwind CSS
- Backend: Node.js, Django, REST APIs
- Build & Infra: Docker, AWS (CodePipeline, S3), GitHub Actions, GitLab CI
- Data & Utils: SQL, TanStack Query, XState, React-Redux
- Analytics: Google Tag Manager, Google Analytics, Adobe Analytics, Rakuten
- Practices: Performance Optimization, Accessibility (WCAG 2.0), CI/CD, A/B Testing

ADDITIONAL INFORMATION

- Write technical blogs on sudh.online and dev.to focusing on frontend engineering and tooling
- Open-source contributions to projects including material-react-table, covid19india.org, testing-library-docs, atom-pwa, and hospitalrun-frontend
- Actively explore new technologies; recent interests include Rust, Three.js, and UI-driven design systems
- Enjoy watching anime as a hobby and have previously studied the Japanese language at a beginner level
- Personal interests include reading, gaming, and traveling