RAHUL KUMAWAT

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Skills:

Frontend & Architecture: React.js, HTML5, CSS3, JavaScript, TypeScript, Next.js, Tailwind CSS, Redux, Zustand, Playwright, Multi-Tenant Architecture, Configuration-Driven Systems, JSON Schema, RBAC, E2E Testing.
Backend & Cloud: Node.js, Express.js, GCP, CI/CD , Docker , Rest APIs.
Packages & Tools: Axios, Material UI, React Query, Github, Jira, Shadcn, Webpack.
AI Tools: Claude Code, Cursor, Cursor Cloud Agents, AI Assisted Development, E2E Testing Workflows.

Work Experience:

SDE-1 - Swiffylabs **Sep 2025 - Present**

- **Developed RBAC** for a Loan Management application, supporting **5+ user roles across 20+ modules** with role-based data access and feature permissions.
- **Built "Assisted Onboarding," a multi-tenant, configuration-driven platform using React and RJSF, reducing development effort by ~70% and eliminating code changes for tenant customization.**
- Designed a configurable 10+ stage onboarding workflow spanning KYC/KYB, applicant management, loan requirements, financial information, document verification, investment accounts, collateral pledging, and mandate setup.
- **Engineered a dynamic form-rendering system** supporting **200+ configurable fields**, **validations, and conditional workflows**, driven through JSON/database configurations instead of hardcoded UI logic.
- **Developed a tenant-aware document management system** supporting **50+ configurable document types**, metadata capture, uploads, and stage-specific requirements, allowing tenants to modify document requirements **without frontend changes**.
- **Contributed to production bug resolution** on a priority basis, maintaining application stability and high availability.
- **Migrated legacy PrimeReact UI to a modern Shadcn/Tailwind-based design system**, applying **DRY and reusable component practices** to improve UI/UX and customer experience.

Associate Engineer - Twinleaves **Dec 2023 - August - 2025**

- **Led the development of responsive designs** for **Retail Management System (RMS) and Point of Sale (POS)** web applications, resulting in a 40% increase in mobile usage by enhancing user experience across all devices.
- Optimized application performance by leveraging optimization techniques like **lazy loading**, **tree shaking and code splitting**, increasing performance by 30%, and google cloud build time by 20%.
- Implemented key features in the POS system, including detailed product listings, rapid product scanning, user activity monitoring, multi currency ordering, document scanning (Passport & Boarding Passes) and post-billing order creation/editing, significantly **enhancing operational efficiency** and user satisfaction.
- **Traveled to Malaysia to represent the company** and work directly with the client, ensuring smooth delivery and implementation of the **SaaS-based POS and ERP solution**.
- Handled **multi-currency payment support** in the POS system, enabling seamless transactions via cash and card.

Intern - Twinleaves **June 2023 - Dec 2023**

- Developed a back-office platform for the Retail Management System, enhancing vendor and customer support by 40% with streamlined data and order management.

Key Projects:

AI Resume Builder (MERN) (Deployed)

- Developed a full-stack **AI Resume Builder** with Google authentication, live preview, PDF download, and AI content enhancements. Features include an **AI ATS Score and an AI Job Matcher**

Education:

Dr. Babasaheb Ambedkar Technological University | Lonere , Raigad
B-Tech (Mechanical Engineering) | C.G.P.A - 8.71 | 2018 - 2021