

AKANKSHA

Bangalore, India | akankshav108@gmail.com | linkedin.com/in/akankshav108

SUMMARY

Senior Software Engineer with 5+ years of experience building data-intensive, customer-facing web applications with **React** and **JavaScript**. Experienced in **frontend architecture**, **design systems**, **complex operational workflows**, **performance optimization**, and **end-to-end product delivery**, with recent experience building **AI-powered internal tools and developer workflows**.

EXPERIENCE

LOCAD

Senior Software Engineer

Bangalore, India

Mar 2026 - Present

- Re-architected the core **table framework** across **150+ views**, migrating to Material React Table (MRT) with persisted filters, sorting, and column configurations; reduced clicks and workflow friction, enabling warehouse ops teams to spend less time navigating the application and more time focused on operations and key metrics.
- Architected a centralized **Notification Center** for platform alerts and company-wide announcements through notifications, banners, and deep links; reduced operation halts from Marketplace re-auth failures by **70%**, cut account unsuspension requests by **80%**, and reduced CS/brand friction to protect order throughput and revenue.
- Engineered **Nexus**, an **AI-powered Slack assistant** using **RAG and multi-source retrieval**, helping teams understand product behavior, identify bug causes, and resolve operational issues faster.
- Implemented saved filters end-to-end across frontend and backend, letting users persist frequent queries instead of rebuilding them on every visit, with **API integration and client-side state management**.
- Built an **AI-powered release video generator** that reads tickets and code diffs to auto-produce subtitled walkthroughs, using **Playwright** for browser automation and testing, cutting release communication effort from roughly **4 hours to under 30 minutes**.

Software Engineer, LOCAD

Sep 2024 - Mar 2026

- Introduced a **global search experience powered by Elasticsearch**, reducing record lookup time to **1-2 seconds** across product modules and enabling support and operations teams to resolve live customer queries with minimal navigation.
- Led frontend delivery of **core operational workflows** across orders, returns, and claims, shipping complex dashboards and data tables used daily by external business customers.
- Designed a reusable component library and defined shared UI patterns adopted across two customer-facing products, establishing consistent **design system and frontend architecture** patterns.
- Instrumented the application with **Datadog and Google Analytics** to surface the most-used pages and workflows, shaping roadmap prioritization and cutting average frontend bug resolution from **3 days to 1**.
- Increased automated test coverage to **nearly 80%** using **AI-assisted test generation**, strengthening regression protection across existing modules.
- Identified usability and **web accessibility** gaps across core flows and partnered with Product and Backend to redesign them from problem definition through launch, including making key operational workflows fully responsive so users can monitor and act on operations from a phone.

EAMOT

Frontend Developer

Bangalore, India

Jun 2021 - Sep 2024

- Owned frontend design and build of a custom **CRM dashboard**, reducing ticketing process time by **50%**; led frontend development of an **IoT monitoring system**, saving the customer **15%** of project budget while delivering a responsive monitoring experience.
- Rendered datasets of nearly **10,000 points** with **Chart.js and ApexCharts**, improving rendering performance by up to **30%** and making complex data legible enough to drive a **20%** increase in user satisfaction.
- Developed a role-based **authentication layer** securing access across multiple web applications (**25%** gain in authentication efficiency), and integrated REST APIs across two products using RTK Query and Axios with client-side caching and global error handling that made failures visible and recoverable instead of silent.
- Established testing with Jest and React Testing Library at **over 70%** coverage with coverage reporting, automated test and deployment through a **GitHub Actions CI/CD pipeline** on AWS Lightsail, and shaped UI/UX in Adobe XD and Figma across desktop and mobile.

SKILLS

Frontend: React, Next.js, JavaScript, TypeScript, HTML, CSS/SCSS

UI & Visualization: Material UI, Material React Table, Tailwind CSS, Bootstrap, Storybook, Chart.js, ApexCharts, Figma, Adobe XD

State & Data: Redux Toolkit, RTK Query, TanStack Query, Axios, REST APIs, GraphQL, Elasticsearch

Testing: Jest, React Testing Library, Playwright

Build & DevOps: CI/CD Pipelines, GitHub Actions, Docker, AWS Amplify, AWS Lightsail

Observability & AI: Datadog RUM, Google Analytics, Cursor, Claude, MCP, RAG

EDUCATION

M.Sc. in Computer Science | Christ University, Bangalore | Jun 2019 - May 2021

B.Sc. in Mathematics, Physics and Computer Science | St. Francis College for Women, Hyderabad | Jun 2016 - May 2019