

RAHUL DINKAR

SENIOR SOFTWARE ENGINEER

CONTACT

+91-7060907485

dinkarrahul28@gmail.com

Portfolio Medium Blog

LinkedIn Profile Gurugram, India

SKILLS

Frontend: ReactJS, React Native, Redux, React Query, D3.js, Webpack

Languages: TypeScript, JavaScript

Tools & Platforms: Git, CI/CD, Chrome DevTools, JIRA, Agile/Scrum methodologies

EDUCATION

IIT Roorkee, Uttarakhand 2015 - 2019
Bachelor of Technology CGPA: 6.768

Haryana Board of School Education 2015
Twelfth Percentage: 81.8 %

Haryana Board of School Education 2013
Tenth GPA: 9.0

INTERNSHIPS

Software Engineer May 2018 - July 2018
Innoplexus Consulting Services Pvt. Ltd., Pune

Lead Frontend June 2017 - August 2017
Docconsult Services LLP, Jaipur

ACHIEVEMENTS

2nd place, Synaptic Hackathon 2023 – Led team effort on social network insights prototype.

Star Player of the Team, Jan 2025 – Recognised for technical leadership and system-level impact.

Published blog on **state management architecture** in Synaptic Engineering.

PROFILE

I believe great frontend engineering is about building systems – not just features. As a frontend architect and systems thinker, I focus on scalable design, long-term maintainability, and developer experience at scale. I work across teams to align engineering decisions with product goals, drive adoption of design systems, and reduce complexity through thoughtful abstractions. With a strong product mindset and deep UI expertise, I help teams move faster without compromising quality or consistency.

WORK EXPERIENCE

Senior frontend engineer (SDE-3)

Synaptic Inc, Gurugram April 2021 - Present

- Architected a unified dataset onboarding framework**, reducing onboarding time by 95% (from ~5 days to 3–4 hours). Drove cross-functional alignment between design and backend teams to standardise API contracts and design guidelines, and built a reusable component architecture to support future scalability.
- Led performance modernisation efforts** by reducing initial bundle load time from average 10s to average 4s. Introduced Webpack chunking, route-based code splitting, strategic caching, and library localisation – improving perceived performance across data-intensive dashboards.
- Designed and operationalized Tuxedo v2.0**, a modular design system built to coexist with the legacy library. Solved theming and isolation challenges using scoped CSS strategies, enabling seamless incremental adoption across modules.
- Re-architected the core analytics module** with backend collaboration – implemented a scalable state management pattern and refactored the data layer to support more modular, maintainable, and performant interactions.
- Built a highly configurable Screener module** with backend-driven filters, dynamic user-controlled columns, and real-time data tagging – enabling Notion-style collaboration, persistent views, and shareable workspaces.
- Integrated an agentic chat-based interface** into the analytics system, allowing users to apply filters, modify columns, and sort data via conversational input – bridging structured exploration with natural language interaction.
- Developed a visual query builder UI**, empowering users to slice and dice data flexibly through a no-code, rule-based interface – democratising access to insights for non-technical stakeholders.
- Launched biweekly internal knowledge-sharing sessions**, fostering a culture of continuous learning within the frontend team.
- Influenced frontend architecture across modules**, mentoring engineers on abstraction patterns, developer experience tooling, and performance standards.

Associate software engineer

Innoplexus Consulting Services Pvt. Ltd., Pune June 2019 - April 2021

- Streamlined React-Redux implementation** by eliminating manual boilerplate around actions, reducers, and observables – introducing reusable abstractions that made the codebase significantly more scalable, maintainable, and onboarding-friendly.
- Enhanced application performance and reliability** by integrating intelligent caching strategies and automatic retry mechanisms, resulting in improved UX across data-heavy workflows.
- Designed and built an internal charting library** used across multiple projects, establishing a consistent, standardized approach to rendering complex visual data and reducing duplication of effort across frontend teams.