

PRAFUL KOPPALKAR

Senior Software Engineer

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[portfolio](#) | [linkedin](#) | [github](#)

Senior Software Engineer with 5 years of experience architecting scalable frontend systems and driving full-stack technical decisions across fintech and automotive domains. Deep expertise in performance optimization, micro-frontend architecture, and end-to-end SDK development. Thrive in fast-paced environments, taking ownership from architecture to delivery across engineering, product & business teams.

WORK EXPERIENCE

Tekion Corp, Bengaluru, India

Jul 2024 - Present

Senior Software Engineer (Promoted from Software Engineer II in March 2026)

- **Architected** and shipped **App Store** in 30 days, a self-serve, embeddable commerce platform, serving **20,000+ potential users** to discover & purchase features, integrating billing & RLM systems end to end.
- **Designed** eligibility-driven feature discovery with dependency chain logic.
- Built **Trial Management System** for **100+ users** of internal sales team to enable, extend, and disable feature trials in bulk across dealers with upsell/downsell tracking.
- **Maintainer**, a cross-team approved exception to the Staff-only access policy, of the core frontend **mono-repo** used by **200+ engineers**, and **Owner of 3 packages** out of 20+ packages.
- Self-initiated **Dealer Decommission Tool** integrating with the internal operations system. Successfully decommissioned **50+ dealers**, enabling bulk and ad-hoc decommission requests and history tracking, built independently **without the support of designs**

JUSPAY, Bengaluru, India

Sep 2022 - Jun 2024

Software Engineer I (Promoted from Product Engineer I in February 2024)

- **Founding engineer** of **Hyperswitch Web SDK**, the **open-source** payment SDK [[Github](#)] (**110+ stars, 114+ forks**), led a team of 5 engineers as *Tech Lead* and *Product Owner*, on track to reach **~1 million monthly transactions**.
- **Optimized SDK load time** from ~5-8s to ~1-5ms (**99%+ improvement**) in degraded networks via asset **preloading**, significant **bundle size reduction**, lightweight in-house components & collaborated to evaluate and enhance software & hardware interfaces, directly **improving payment success rates**.
- **Owned merchant integrations** end-to-end directly handled functional requirements in merchant calls for **global clients** including **Zurich & Flowbird** across Europe and other countries.
- Drove SDK integration & demo experience within the **merchant-facing** payments **operations dashboard**, enabling merchants to validate checkout flows and configure payment orchestration across gateways.
- Streamlined & automated **release management & deployment** pipelines

NewWave Technologies, Remote, India

May 2021 - Aug 2022

Jr. Fullstack Developer

- Achieved a **80% boost in UI/UX** for RA coders by streamlining a workflow from 10-12 clicks to just two.
- Wrote clean, **reusable code** ensuring product **quality** and **on-time delivery**.

EDUCATION

Visvesvaraya Technological University, Mysore, India

Aug 2017 - Mar 2021

Bachelor of Engineering in Computer Science and Engineering

CGPA (9.25/10)

Relevant Courses: Data Structures and Applications, Design and Analysis of Algorithms

SKILLS

Languages: TypeScript, JavaScript, Rescript, Python, SQL, HTML, CSS

Frameworks: React.js, Node.js, Tailwind, Recoil, Redux, React Native, Supabase

Architecture & Patterns: Micro-frontends, Monorepo, System Architecture, Performance Optimization, SDKs

PROJECTS

Kali [[IOS](#) | [Android](#)]: Built a cross-platform production app for real-time scoring and management of teams, players & schedules for multiple sports - live on Appstore and Playstore with **4.9 Rating** with **1,000+ downloads**

Rescript-Sentry [[Github](#) | [Live](#)]: Comprehensive bindings for integrating Sentry in ReScript projects.