

Nischit Shetty

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PROFESSIONAL EXPERIENCE

Senior Software Engineer I – Frontend, *Geekyants*

08/2021 – Present
Bengaluru, India

- **JioAssist (Jio Platforms Limited):** Built an enterprise-grade contact center application from scratch to replace a legacy third-party tool. Integrated **Genesys API** for CTI and telephony controls, enabling agents to manage calls seamlessly within the app. Bootstrapped the project alongside a tech lead and scaled the team to **30 engineers**, overseeing onboarding, architecture, and delivery.
- Architected the application using **Webpack Module Federation**, enabling independent deployment of microfrontends across modules and improving scalability.
- Automated key agent workflows and data-fetching pipelines, improving overall efficiency and reducing task completion time.
- Led performance optimization efforts, reducing initial load time by 40% through strategic caching, bundle analysis, and code-splitting.
- **Ekool:** Revamped the school management app, implementing **biometric authentication** and upgrading the app from **React Native 0.65 → 0.74**. Improved startup time by up to **32%** by optimizing lazy-loaded modules and refining the bridge layer.
- Collaborated with backend and QA teams to enhance overall reliability and reduce app crashes on low-end devices.
- **Tales of US:** Developed interactive forms and implemented **internationalization (i18n)**, ensuring seamless localization across multiple regions.
- **PokerBaazi:** Owned frontend optimization and test coverage improvements for the gaming platform (React Native). Ensured stable performance under high concurrent user loads and collaborated with QA for automated regression coverage.
- **VendHub:** Spearheaded frontend development from scratch for an **e-commerce platform** enabling vendors to purchase vending machine refills and hardware. Built an **EDI integration** to automate billing and order reconciliation processes, improving transaction accuracy and reducing manual errors by ~24%.

Quality Specialist, *Amazon India*

06/2019 – 07/2021
Bengaluru, India

- Worked as part of the **LMAQ Quality team**, driving automation in defect detection and reduction processes across global delivery operations.
- Designed and implemented workflows to automate manual auditing tasks, improving efficiency by **15%**.
- Analyzed audit patterns and proposed improvements that led to **50% workload reduction**.
- Trained and mentored new hires to ensure consistency and quality during peak periods.
- Researched on high issue zones and created an automated workflow to reduce the delivery time by upto **5%**

EDUCATION

Computer Science and Engineering, *Lovely Professional University*

07/2015 – 05/2019
Jalandhar, India

SKILLS

Core Expertise

React.js, Next.js, React Native, Expo

Web

Browser internals, SEO optimization, Accessibility, REST APIs, Performance profiling, Security, Unit Testing (Jest/RTL), Framer Motion, Tailwind, Redux Toolkit, React Query, Zustand, Recoil

System & Engineering Practices

Monorepo (Lerna, Turborepo), CI/CD pipelines, Git & Version Control, Agile/Scrum workflows, Payments (Razorpay, Juspay, RNIAP), Cloud (Firebase), Realtime Communication (Agora, Sendbird, WebRTC), Analytics & Engagement (Mixpanel, Clevertap, Branch.io), Debugging & Crash analysis, Google Ads Integration

Mobile

Reanimated, Rive, Lottie, SVG animations, Native Modules (Java/Swift), Turbo Modules, Deep linking, Notifications, Redux, React Query

Programming languages

JavaScript, TypeScript, Java