

Punith Manthri

React Native Developer | Cross-Platform iOS & Android | TypeScript | Remote-Ready

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Professional Summary

React Native Developer with 4+ years building and maintaining cross-platform mobile applications for Android and iOS in JavaScript and TypeScript. Strong in Redux and state management, REST APIs and third-party integrations, reusable scalable components, debugging and performance optimization, Git version control, and Agile delivery with UI/UX and backend teams.

Creator of react-native-pdf-jsi (89K+ total npm downloads) and additional open-source React Native libraries (91K+ total npm downloads). Experience with native modules (Android/iOS), Firebase, secure authentication, and production deployments serving 800+ active drivers and enterprise field agents.

Technical Skills

Mobile: React Native, Cross-Platform Development, Android & iOS App Deployment, React Native CLI, Expo, Native Modules (Android/iOS), JSI/TurboModules

Frontend: JavaScript, TypeScript, React.js, Redux, Redux Toolkit, Context API, MobX, React Navigation, Reusable Components, Deep Linking

Integrations: REST APIs, Third-Party Integrations, Firebase, Push Notifications, Payment Gateways (Stripe, Razorpay, Xendit), Google Maps API

Tools & Process: Git Version Control, Agile Methodologies, Debugging, Performance Optimization, Code Review, Release Management

Backend: Node.js, MongoDB, WebSocket, GraphQL, SAP, Salesforce API Integration

Architecture: Clean Architecture, Offline-First Design, App Security, Real-time GPS Tracking Systems

Work Experience

Utilitarian Labs, React Native Developer

Bangalore, India
May 2025 – present

- Develop and maintain cross-platform React Native applications for Android and iOS used by 800+ active drivers and enterprise field agents
- Built reusable, scalable UI and business-logic components shared across driver and field-agent products, accelerating feature delivery
- Integrated REST APIs and third-party services (SAP, Salesforce, GPS, maps) with secure authentication and role-based access
- Bisleri Driver App: Led development of driver-facing application for India's largest packaged water company, serving 800+ active drivers across multiple cities
- Troubleshot production bugs and optimized performance—99.5% uptime, sub-30-second location updates, 35% reduction in driver idle time
- Collaborated with backend developers and stakeholders in Agile sprints for release management and smooth production deployments
- Integrated digital POD (Proof of Delivery) system reducing paperwork by 90% and improving delivery verification
- Built trip management dashboard handling 5,000+ daily deliveries with real-time status updates
- Rockland Distilleries Field Agent App: Developed enterprise application for tracking sales agents and monitoring KPIs
- Implemented real-time GPS location tracking with geofencing and territory management capabilities
- Built comprehensive KPI dashboard tracking sales targets, visit frequency, and territory coverage
- Improved field agent productivity by 40% through optimized route planning and visit scheduling

MyCLNQ Pvt. Ltd, React Native Developer

Bangalore, India
May 2024 – May 2025

- Led development of MYCLNQ Requester, a cross-platform healthcare appointment app serving multiple countries
- Implemented multi-region payment gateway integrations (Stripe, Xendit, Credimax) handling international transactions
- Architected real-time patient-doctor communication using Firebase Chat with 99.9% uptime
- Developed deep linking infrastructure improving user retention by 40% and reducing app abandonment
- Optimized app performance, reducing load times by 35% through bundle optimization and lazy loading strategies

AMCI Edtech Pvt. Ltd, React Native Developer

Bangalore, India
Dec 2023 – May 2024

- Developed "zlipp" medical education app helping educators convey complex concepts through interactive 3D modules
- Implemented custom animation libraries for medical visualization, improving student engagement by 60%
- Created reusable component library reducing development time by 30% across educational projects

Cognitive Clouds, Associate Mobile Software Developer

Bangalore, India

Sept 2022 – Oct 2023

- Developed Sewamo App from scratch for home services (cleaning, electrical, carpentry, spa) with Razorpay integration
- Architected WindEverest App for real-time weather tracking in electric vehicles with predictive analytics
- Implemented cleanZ24 laundry service app with Google Maps API integration and route optimization algorithms
- Collaborated with Ruby on Rails backend teams to design REST API architecture serving 10,000+ monthly active users
- Reduced API response time by 50% through efficient data modeling and caching strategies

THESQUAREWARE, Junior Mobile Software Developer

Bangalore, India

July 2021 – Sept 2022

- Built Pola social media app for fashion models with custom Expo components and real-time chat features
- Developed Simply-Cooked German food blog app with offline recipe storage and social sharing capabilities
- Created reusable component library used across 3+ applications, reducing development time by 25%
- Implemented secure authentication flows and user management systems with role-based access control

Open Source Projects

react-native-pdf-jsi

Jan 2023 – present

High-performance PDF rendering library leveraging JavaScript Interface (JSI) architecture

- <https://www.npmjs.com/package/react-native-pdf-jsi>
- 89,000+ total downloads on npm with 4.8/5 star rating from community
- Eliminates bridge bottlenecks achieving 3x faster rendering than traditional solutions
- Full TypeScript support with comprehensive documentation and examples
- Used in production applications for document management and reporting

react-native-nitro-cloud-uploader

June 2023 – present

Efficient cloud upload manager with background upload support and progress tracking

- <https://www.npmjs.com/package/react-native-nitro-cloud-uploader>
- 1,500+ downloads on npm with robust error handling and retry mechanisms
- Supports multiple cloud providers with plugin architecture
- Resume upload capability and network condition awareness
- Optimized for large file uploads with minimal battery impact

react-native-sync-vault

Jan 2024 – present

Offline-first data synchronization engine with automatic API interception

- <https://www.npmjs.com/package/react-native-sync-vault>
- 362+ downloads with SQLite persistence and conflict resolution strategies
- Intelligent sync scheduling based on network conditions and battery level
- Supports bi-directional sync with configurable merge strategies
- Used in production applications requiring reliable offline functionality

Key Achievements

- Open Source Impact: react-native-pdf-jsi 89K+ npm downloads; 91K+ total downloads across published packages, featured in React Native community newsletters
- Bisleri Driver App: Scaled to support 800+ active drivers across India with 99.5% uptime
- Digital Transformation: Reduced paper-based processes by 90% through digital POD systems
- Performance Optimization: Achieved 3x faster PDF rendering with JSI implementation vs bridge-based alternatives
- Healthcare Applications: Improved patient access to healthcare services across 5+ countries
- App Performance: Reduced mobile app load times by 35-50% across multiple production applications

Education

BE **KSSEM (K S School of Engineering and Management)**, Mechanical Engineering

Bangalore, India
Sept 2014 – June 2019

Languages

English: Native Proficiency (Professional working proficiency)

Kannada: Native Proficiency

Telugu: Proficient (Conversational and written)

Hindi: Advanced (Fluent in conversation and comprehension)

Additional Information

- Availability: Open to remote opportunities; available for immediate or short-notice joining
- Open Source Advocate: Active contributor to React Native ecosystem with published npm packages (89K+ downloads on flagship JSI library)
- Technical Blogging: Write about mobile performance optimization, JSI architecture, and React Native best practices
- Community Engagement: Regular participant in React Native Bangalore meetups; strong communication and problem-solving in cross-functional teams