

Sourav Ganguly

Mobile: 7739397934

Email: isouravganguly@gmail.com

LinkedIn: [linkedin.com/in/isouravganguly](https://www.linkedin.com/in/isouravganguly)

Summary:

React Native developer with 3 years of experience at GeekyAnts in telecom and banking apps for B2C environments. Proficient in JavaScript, TypeScript, Redux, GraphQL, native modules, performance optimization, security, and react-native-web. Skilled in CI/CD, Jest, Detox, functional programming, and modern testing frameworks. Experienced in modular, well-documented React components, delivering scalable, performant, and maintainable code while staying updated with the latest React and mobile development trends.

1. A responsible team player.
2. Ensures end-to-end delivery of assigned features.
3. Understands that our App is trusted by millions of users in India and abroad.

Core Technical Skills:

- **Frontend Development:** React Native (Expert), iOS, Android, ReactJS, JavaScript (ES6+), TypeScript, HTML, CSS, Styled Components, Config Driven UI.
- **Mobile Development:** React Native plugins, Java, Kotlin, Objective-C, Swift, URL Scheme, Deep Linking, Lottie Animation, Android Native Splash Screen API (Android 12, 14), Real-time mobile data analytics.
- **State Management:** Redux, Saga, Thunk.
- **Native Build Tools:** XCode, Android Studio.
- **APIs:** RESTful APIs, GraphQL.
- **Version Control:** Git, GitHub, GitLab.
- **Testing:** Jest (Unit Testing), Automated Testing, e2e Testing (Detox).
- **UI Components:** Reusable UI components, NPM package management.
- **BLE Devices:** BLE stack integration.
- **Security:** Checkmarx, Secure Data Sharing, Keychain, Keystore, Content Provider, Shared Preferences.
- **Data Structures & Algorithms:** Data structures, algorithms, problem-solving
- **Agile Development:** Agile processes.
- **Browser Internals:** Browser internals, network stack.
- **CI/CD Pipelines:** CI/CD, Bitrise.
- **Performance Optimization:** Native startup time improvement, Android, iOS.

Experience:

Software Developer | **Banking Application** (Client of Geekyants, Banking Firm)

January 2024 - Present

- Optimized app startup performance by moving critical processes (splash screen, network calls) to Native side, achieving *80-85% faster startup times*.
- Enhanced security with robust encryption, authentication protocols, and React Native.
- Collaborated with cross-functional teams via Microsoft Teams, Azure DevOps for seamless integration and application performance.
- Conducted POC on secure data sharing across iOS and Android, using Keychain, Keystore, Content Provider, Shared Preferences, share token across micro-frontend architecture.

Software Developer, **Customer Service Application** (Client of Geekyants, Telecom Operator)

October 2022 - September 2023

- Led development of JSON-driven UI and config based UI for optimized data handling, minimizing screens, and *reducing development time by 10%*.
- Developed advanced features including global search, real-time toasts, notifications, and chat systems using React Native, enhancing customer support efficiency.
- Upgraded React Native version for compatibility and to leverage new features and performance enhancements.
- Actively participated in design and code reviews, contributing to application architecture, scalability, and best practices.
- Implemented secure ticket management with JWT authentication, adhering to stringent security protocols.

Software Developer, **Geo-Tracking Application** (Client of Geekyants, Food Delivery Service)

September 2023 - December 2023

- Designed and implemented B2C delivery tracking features using React Native, Redux, and GlueStackUI, achieving a *20% improvement in user satisfaction based on in-app surveys*.
- Integrated advanced location services with Google Maps and iOS Maps, utilizing web-sockets for real-time location updates and precise customer tracking.

- Enhanced code reusability and optimized component architecture, *reducing development time by 15%*.
- Enabled real-time delivery information updates with Dunzo, PetPooja API, utilizing asynchronous programming for a seamless user experience.
- Successfully released applications to iOS App Store and Google Play Store.

Soft Skills:

- Communication and Collaboration: Effective team player.
- Problem-solving: Strong in overcoming technical challenges.
- Time Management: Meets deadlines and manages multiple tasks efficiently.
- Lifelong Learning: Continuously updates knowledge and skills.

Contributions to the Community:

- [Beyond Traditional Search, Modern Web, Gen AI Development Meetup](#)
- [React Native Hybrid Meet-up, GeekyAnts, December 2022](#)
- [React Native Skia, Animate The Drawings With Reanimate 2, GeekyAnts](#)
- [To Interface and Beyond by Sourav Ganguly, AI + React Native Meetup, GeekyAnts](#)

Education:

Bachelor of Technology (BTech) in **Computer Science and Engineering**
Bankura Unnayani Institute of Engineering, Maulana Abul Kalam Azad University of
Technology - **CGPA: 9.8**
Aug 2018 - Aug 2022

- *President, Startup Club:* Led innovative projects and promoted entrepreneurship.
- *Winner, TechFest 2019:* Developed FastTag and number plate recognition system for vehicle tracking and parking management.
- *Coordinator, Medical Camps:* Organized health initiatives with Fortis HealthCare.

Indian School Certificate Examination (ICSE)

De Nobili School, Dhanbad - Percentile: 88%
Mar 2016 - Mar 2018

- *Principal's Honor Award:* Recognized for academic and extracurricular excellence.
- *Extra-curricular:* Active in debates, club, startup programs, tree plantation (Taru Mitra), and computer quizzes.