

Bedprakash Rout

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An autodidact programmer, with a zeal to learn and tinker around with mobile technology. A huge critic for performance and user feedback-driven products. Believe in exploring more modules of an existing product and modifying it for performance, and reliability.

EXPERIENCE

Delivery Hero, Singapore – Senior Software Engineer

Aug 2021 - Present • [Play Store](#)

- Joined as the 1st Mobile Developer for a new product. Set up the project from scratch.
- Responsible for code architecture, correct coding practices and CI/CD pipelines.
- Part of Account Squad and responsible for feature delivery on Mobile. Prepare task scoping and breakdown from product stories to ensure code quality and reusability.
- Worked on Jetpack Compose for UI layer and coroutines and flow.

Flipkart, Bangalore — Software Development Engineer II

Jan 2018 - Aug 2021 • [Play Store](#)

- Worked on building screens with views rendered in React Native with keeping the richness of native components like bottom sheet and Dialogs during projects like Flipkart plus and Product page.
- Worked on writing native modules and View Managers. Wrote custom lint rules for react native.
- Worked on KYC feature to add camera support to the native app to have capabilities of Image and video capture capabilities.
- Also worked on a file upload module which handled uploading files in chunks to cater to slower networks, where uploading a huge payload often results in failures with resume capability to file uploads. Any component of the app can trigger an upload with this

module and listen to various callbacks like progress, success and failure.

- Worked on Video play in lists and stories format. Solved videos in react native as exposed native views to have smooth video playback capability in react native. Also worked on stories format like Instagram and added support for a story to be played in inline lists.
- Managed Exoplayer instances by pooling to solve perf issues in low-end devices.
- Lead Flipkart's games platform UI team where I built a web/react-native SDK for third-party games to interact with the Flipkart app.

DailyHunt, Bangalore — Senior Software Engineer

Mar 2016 - Jan 2018 • [Play Store](#)

- Worked on writing custom lint rules to enforce certain code practices.
- Worked on a script to generate resources for localization.
- Worked with MVVM design patterns using RxJava.
- Worked on FileDownload module using Android DownloadManager and storage apis to download ebooks.
- Worked on refactoring analytics module to have support for screen referrers on navigation solved in a generic code flow.
- Worked on sharing cookies between WebView and OkHttp api calls to support seamless authentication in WebViews.

Frankly.me, Noida — Android Developer

Feb 2015 - Feb 2016

- Build multi-type lists to support Facebook-like feed and discover screens.
- Built Video uploading module.
- Worked on Moving away from Volley and adopting OkHttp.
- Initiated MVP adoption in the team as a push towards modularized and testable code.

SKILLS

Native Android Development, React Native,

Jetpack Compose, Coroutines, Flow, Java, Kotlin, Android SDK, TypeScript, Javascript, RxJava, MVVM

Tools: Eclipse, Android Studio, Sublime Text, Git, Source Tree, Webstorm, Charles, Jenkins

EDUCATION

IIIT Bhubaneswar, Bhubaneswar — B. Tech (Computer Science)

August 2010 - June 2014

Rajdhani Jr. College, Bhubaneswar — 10+2(CHSE)

April 2008 - Mar 2010

Govt. High School, C S Pur, BBSR , Bhubaneswar — 10th (BSE,Odisha)

April 2008