Harish Rana

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EXPERIENCE

React-Redux-Firebase- *Open Source Contributor*

JANUARY 2020 - JANUARY 2020

[React-Redux-Firebase](#) provides Redux bindings for Firebase including React Hooks and Higher-Order Components.

- Created a custom template for create-react-app which includes react-redux-firebase boilerplate code ([#818](#), [Repo](#))
- Reported multiple bugs and suggested new features in the project.
- View all my contributions [here](#) and [here](#)

Staqu Technologies, Gurugram - *Software Engineer*

JULY 2016 - OCTOBER 2019

[Staqu](#) provides realtime security solutions using ML and AI

- Worked in a team of 6 and built a photo editor app [Vistoso](#) - an app to customize images with filters, stickers etc using ML which has over 1 Million installs on Play Store.
- Worked in a team of 3 and built a web-app for Cricket World Cup 2019 which served over 2 million users per month.
- Integrated Wishlist, Profile, Locate Stores features on [Fashin](#)-an app to buy clothes based on image search which has over 500K installs.
- Integrated youtube APIs in [Fashin](#) which analysed the video frame by frame for the clothes being used in the video and recommended buying links.
- Worked in a team of 6 to build MinusInfinity - a custom Android launcher that serves personalized content like videos, news, wallpapers, weather, games to users. It was installed on over 1 million devices by Indian OEMs.
- Refactored parts of MinusInfinity as a Progressive Web App with custom bindings to native code, reducing the APK size from 10MB.
- Implemented over the air update solution for the react-native bundle in MinusInfinity
- Worked with [ExoPlayer](#) to integrate autoplay feature along with in-video ads in MinusInfinity
- Helped in the hiring of 3 engineers across web and android roles
- Built an app for [Obeetee](#)'s internal usage to track the inventory using Camera2 APIs, Realm, Glide and OkHttp.
- Converted a legacy NDK-build android app to use modern Android APIS and Gradle build system.

SKILLS

Languages: JavaScript, Java

Libraries & Frameworks:
React, Redux, Node, Gatsby

Databases: MongoDB, SQLite, Room, Realm.

Mobile App Development:
Android, React Native

Version Control: Git

EDUCATION

Engineering Fellow
[Pesto](#)
2020

Bachelors in Electronics and Communication Engineering

Manav Rachna College of Engineering, Faridabad
2011 - 2015

Jaaga, Bengaluru — *Mentor / Android Developer*

JANUARY 2016 - JULY 2019

[Jaaga](#) builds collaborative communities to help students learn and grow their technical skills

- Working in a team of 13 to build Shrini – an app to compete in [Learning XPize](#) which enables kids to teach themselves basic reading, writing and arithmetic skills.
- Mentored primary school kids in remote villages to help them use technology to learn Maths, Languages and Science.
- Collaborating with Teach For India Volunteers to arrange learning sessions with kids.