Aldrich Mascarenhas

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EDUCATION

Bachelor of Computer Engineering ...... July 2017
Padre Conceicao College of Engineering ...... Goa, India

PROJECTS

Dash for Navhind Times *September 2017*
- Open sourced news app which uses the Navhind Times WordPress API.
- Developed the Android app using the MVP Architecture, Dagger 2, Retrofit, and OkHttp libraries.
- Launched on the Google Play Store.

locATM *November 2016*
- Open sourced Android app to locate ATMs and list available denominations during the 2016 demonetization crisis in India.
- Firebase used as the backend, and Google Maps API for locating and finding nearby ATMs around the user.
- Launched on the Google Play Store. Rated 3.6 stars and 5000+ downloads.

Gift - Link a Gif *March 2016*
- Open sourced Android app to share/view GIF images inline in any app that did not natively support sending/viewing of GIFs.
- Giphy API used to provide GIFs, and DeepLinkDispatch by Airbnb an annotation-based API to define application deep links.
- Launched on the Google Play Store. Rated 4.5 stars and 5000+ downloads.

Feeding India *November 2015*
FeedingIndia.org
- Open sourced Android app developed for FeedingIndia, a youth-run not for profit organization working to end hunger and malnutrition.
- Launched on the Google Play Store for users across India.

Tatva 2015 / KOSS 2015 *January 2015*
VM Salgaocar College of Law/ S.S. Dempo College of Commerce & Economics
- Android apps built for college events to provide daily updates for events, and serve push notifications.
- Launched on the Google Play Store, with a total of 1000+ installs.

EXPERIENCE

Android Developer Volunteer *November 2015*
Feeding India *Remote*
- Developed the Android app.
- Launched the app on the Google Play Store for users across India.

AWARDS

Semicolons 2017 - Persistent's Annual Global Hackathon *March 2017*
Persistent Systems Limited *Goa, India*
- 1st place global winners & most innovative solution.
- Drishti - an application which uses advances in deep learning, artificial intelligence, image recognition, person identification, speech-to-text and accessibility technologies to bring value to those who are visually impaired.
- Part of a 10-member team that developed the Android app.

Quark'17 - Shifting Paradigms *February 2017*
Birla Institute of Technology & Science, Pilani *Goa, India*
- 2nd place winners. Android app built using React Native to allow tracking and notifying users about the status of their baggage.
- QR codes allow synchronization of baggage status between baggage handlers and passengers, providing real-time updates at every step.

Technival 2016 *October 2016*
National Institute of Technology *Goa, India*
- 1st place winners. Single platform for doctors and patients to allow access to their medical records.
- Developed the Android app, and web app using Angular. Firebase used as the backend.

Techyon 2016 *October 2016*
Padre Conceicao College of Engineering *Goa, India*
- 1st place winners. Android app that serves as a platform for citizens to voice their concerns and grievances to the concerned authorities.
- Users can upload images, up-vote common local grievances for more visibility, and share posts to social media.

TECHNICAL COMPETENCIES

- Android Development
- Java
- Retrofit / OkHttp
- Dagger 2
- MVP Architecture

- Angular 2
- HTML / CS / JS
- Ruby on Rails
- Firebase
- Git