

MALIKA ARORA

8699291772; arora.malika9@gmail.com; [LinkedIn](#); Pune

PROFILE SUMMARY

- High performance-driven professional with 1.9 years of extensive experience in iOS native App Development
- Highly proficient in OOPs concepts, design patterns, Swift, Xcode, iOS, Cocoa Touch, Autolayout, Networking, Core Data, Core Animation, Core Graphics, Core Location, Size classes, automated unit testing, Keychain, Parsing, app submission to the AppStore

ACADEMIC CREDENTIALS

B.Tech. in ECE – Guru Nanak Dev University, Amritsar | 8.89/10 CGPA

PERSONAL PROJECTS

- **Food Ordering App:**
 - This app lets the users order food online from a store and get it home delivered.
 - Implemented using MVC architecture & firebase as the backend server.
 - The app has an interactive UI built using core animation & core graphics framework.
- **Geofencing with Core Location:**
 - This app lets the user add/delete the regions to monitor, zoom in to current user location, listing all monitored regions on the map, adding a geolocation pin to the region tapped, monitoring entry/exit to & from a region, persistent storage of the monitored regions in the User Defaults.
 - Built using core location framework, Mapkit following MVC architecture.
- **Calculator App:**
 - Interactive UI with different layouts for landscape and portrait modes, added brain to the app along with extensive usage of size classes.
- **Contacts App:**
 - Functionality includes mathematical operations like adding, updating and deleting contacts. Additionally, we can save the address, date of birth, picture of the contact person.
 - Built using the Core Data Framework for storage with Core Animation to display the data in an attractive animated form.
 - Core Graphics to make custom shapes for the views. Expandable and collapsible table view sections
- **Blog on [What's new in Core Location in iOS 13?](#)**

WORK EXPERIENCE

Software Engineer, Vinayak Solutions, Delhi

[Sep'19 to Present]

L'Oreal App:

- The app lets users to virtually try on various products on the different parts of the face and choose which one suits them the best.
- It also helps the users on achieving the desired look by recommending videos and help them apply by drawing the user's face image just like a magic mirror.
- Sole contributor and responsible for end to end development & delivery of the application
- Built following the MVC architecture with decent and interactive app designs along with API, Camera SDK integration & Cocoa Pods

Assistant Systems Engineer, Tata Consultancy Services, Pune [Jun'18 to Aug'19]

PSEG Long Island App: Field Mobility mobile application for field crews including PSEG Long Island internal and external damage assessment and repair crews. In the event of any storm or natural disaster, the application helps crew members to capture the required assignment data on a smartphone or tablet using the cloud solution.

- Developed following the MVP architecture
- Developed interactive UI screen forms: Worked on creating a new form for fuse damage, enabling the crew member to fill the form according to the situation. The form included custom dependent drop-down fields along with the text-fields and the text-areas for data input.
- Adding new features and functionalities:
 - Worked on creating a new login workflow that made the log-in process more secure. It included changes in the UI and the corresponding authentication.
 - Added a media attachment feature, in which crew members can upload videos/images of the damages caused and upload it with the form for a better understanding of the current damage scenario.
- Worked on core data framework for offline storage of data of the partially filled forms which reduces the users' effort to enter the form details after terminating the application.
- Worked on password storage and retrieval from keychain services.
- Fixing bugs originated in the previous builds: Fixed bugs and defects on time and with full customer satisfaction.
- Responsible for performing unit testing of the developed code & ensuring on-time completion of development activities assigned

Find it on the app store [here](#).

Intern - ClickLabs Pvt Ltd, Chandigarh

[Mar'2018 to May'18]

Tookan Product

- Built following the MVC architecture & responsible for making the application compatible with iPad
- Responsible for UI fixing and development for both iPhone & iPad, fixing bugs originated in the previous builds & testing the application for different screen resolutions

Find it on the app store [here](#).

KEY SKILLS

- Swift
- Xcode
- Cocoa Touch frameworks
- 3rd party SDK & API(s) integration
- iOS SDK
- Cocoa Pods
- Git
- Collaboration
- Java
- JSON

ACCOLADES

- Frequent participation in online coding competitions conducted by Google, CodeChef, TCS
- Successfully cleared first two rounds of Code Jam, online coding competition conducted by Google
- Successfully cleared the first round of SnackDown 2k19, a coding competition by CodeChef
- Coordinated for IIT Delhi Workshop on Mobile Robotics in January 2017