# Atul Prakash

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## SUMMARY:

- 6+ years of IT Experience in field of iOS Application Development
- Involved in Requirement analysis and design
- iPhone/iPad app development experience using **Objective-C/Swift** on Mac platform
- Developed **14** Apps (**7** with a team and **7** Individually)
- Skilled in MVC, Singleton, Delegation, Category, Archiving & Observer Pattern
- Worked with ARC & Non-ARC projects
- Proficient in REST API, JSON, SQLite, XML, Location based app, Map, Push notification, Game center and In-App purchase, Apple Pay, PayPal
- Have extensively worked on the application integrated with Social Media as Facebook, Twitter, You-tube Videos, Amazon S3 for store and retrieve and Google Analytics, Google Ads
- Worked with Push Notification
- Skilled with iTunes Connect to upload build for Test Flight and Publish on App Store
- Worked on Azure Services as Azure Functions, Azure Scheduler, Azure Database and others
- Experienced in **XCTest** Framework to write test scripts for the Application

## EXPERIENCE:

- Working as Sr. Project Engineer at **Wipro Ltd.,** Chennai since Mar 2019
- Worked as iOS Developer at **ZakApps Software Pvt. Ltd.,** Chennai from May 2015 to Dec 2018
- Worked at **Jouster Labs Pvt. Ltd.,** Bangalore from Jan 2014 to May 2015, as a Software Engineer

## SKILL SET:

| | |
|---|---|
| Languages: | Objective-C, Swift |
| Operating System: | Microsoft Windows, Mac |
| IDE: | Xcode 4.5 & higher |
| Scripting: | XML parsing, JSON parsing |
| Tools/Utilities: | SVN, Git |
| Domain Knowledge: | iPhone application development. |
| Framework: | Cocoa Touch, UIKit, Foundation, AVFoundation, Photos, Contacts, Core Media, Quartz Core, Map Kit, Store Kit, Pass Kit, Notification, Pay pal, Amazon S3, Game center, Google Analytics Facebook, Twitter & Third-Party Libraries |
| Database: | SQLite, Core Data |

## EDUCATION:

- Bachelor of Engineering (information Technology) from Rajiv Gandhi Technical University, Bhopal, India in June 2011

## ROLE:

Sr. Project Engineer

**PROJECTS:**

**Company: Wipro Ltd.**

**Responsibilities:**

- Automate Test Scripts
- Maintain and clean the code and code structure
- Follow the code guidelines, address the changes in current repository
- Create Simple and effective methods to automate the test scripts, that will consume less time and produce effective result
- Generate automation report at regular interval to share with client
- Come up with the new idea to make effective automation
- Responsible for development, support, maintenance and implementation of a complex project module
- Able to work as an independent team member, capable of applying judgment to plan and execute tasks
- Respond to technical queries / requests from team members and customers
- Coach, guide and mentor junior members in the team
- Extra hand in functional testing and raising radars. Also, help with writing test cases

**1. Radar (Automation Testing, mac Application)**

| | |
|---|---|
| **Tools & Technology** | Swift 4, Xcode 11, Mac, XCTest, Jenkins |
| **Responsibilities** | Develop, support, maintain and implement complex project module, Automate test scripts, Coach, guide and mentor junior members in the team |
| **Description** | Radar is the premier communication and tracking system that ties all these people together, allowing them to intelligently coordinate their interrelated efforts. Developed internally by the Apple IS&T department using Oracle database technology as its foundation, Radar can track the work of development teams in fine detail or aggregate information into reports that managers and EPMs can use to guide a project, such as load-balancing resources or setting new priorities as circumstances require. |
| | Need to write test script to automate the test cases written by the QA |

**Company: ZakApps Software Private Limited**

**Responsibilities:**

- Gather requirements as per Client's requirements
- Work with UI designers to develop design and get approval from client
- Comply to App Store guidelines closely for App Development
- Create Unit Test Cases based on the requirements
- Create TDD, SOW and WBS when required
- Divide the module as per UI and Functional requirement
- Identify third party integration and Other cloud-based services as required
- Provide the requirement to Backend to develop REST full services
- Develop App Using Language Objective-C or Swift in IDE Xcode
- Use proper iOS SDK and Framework
- Work closely on Agile Framework to provide weekly status to client and build for test
- Release beta build for testing on Test Flight
- Prepare App Store requirements for App Submission
- Work Closely till the App will get reviewed and ready to Sale

**1. MC&C - ETL (Microsoft Azure)**

| | |
|---|---|
| **Tools & Technology** | Azure Data Factory, Azure Data Lake Analytics, Azure Functions, Azure SQL Database, Azure Active Directory, Azure Scheduler, JavaScript, SSMS, SSMA |
| **Responsibilities** | U-SQL Script, Development, ETL, SOW Diagrams |

| **Description** | MC&C is a leading digital media marketing company, which works for several clients to manage their campaign over different channel which motto is Promote. The project is based on ETL (Extract, Transform, Load). MC&C is a digital marketing company who works for several clients. First phase of work says to move data from their old beehive storage to Microsoft Azure Storage and Second Phase will continue getting data directly from the different channels, transform them by applying formulas and store again into Microsoft SQL. The Whole project acknowledged to use Microsoft Azure several tools like as Azure Data Factory, Azure Data Lake Storage, Azure Data Lake Analytics, Azure Blob Storage, U-SQL Queries, Azure functions, Pipelines and some other Azure Services. |
|---|---|

## 2. Gazzery (iPhone Application)

| **Tools & Technology** | Swift 4, Xcode 9, Mac, Amazon S3 |
|---|---|
| **Responsibilities** | SOW, Flow Diagram, Use Cases, Development, Testing, Server-Side requirement analysis, Amazon S3 Integration, Deployment |
| **Description** | Gazzery presents a platform to create your video & share through the App. User can see the others user video and can like & post their comment. The video categorized in 5 groups, having subgroup as Most recent, viewed & liked. |

## 3. McCullough Maintenance (iPhone Application)

| **Tools & Technology** | Swift 4, Xcode 8.1, Mac |
|---|---|
| **Responsibilities** | SOW, Flow Diagram, Use Cases, Development, Testing, Deployment. |
| **Description** | McCullough Maintenance is a US Company that primary work to clean & maintain the home. They have running website, that need to convert in iOS App with additional feature. Through App now one can create the work order ticket & can able to see the status. Different app permissions are there for a Normal user & the Admin. In App now they can register themselves in order to get verified user. |

## 4. AppventCal (iPhone Application)

| **Tools & Technology** | Swift 3, Xcode 8.1, Mac, Core Data |
|---|---|
| **Responsibilities** | Development, Testing, Database Integration, Deployment. |
| **Description** | AppventCal presents a wondrous selection of advent treats this year. The app works in the same way to traditional Christmas Advent Calendars and provides a grand total of 24 different Advent Prizes and Advent Discounts. This App is available for December month only. Next year App updated version will release again. It's a paid App. |

## 5. ThumZapp (iPhone Application)

| **Tools & Technology** | Swift 2.2, Swift 3, Xcode 7.3, Xcode 8, Mac |
|---|---|
| **Responsibilities** | Development, Testing, Coordination with server-side development team, Deployment. |
| **Description** | ThumZapp is an addictive game that will hone your memory, sharpen your concentration and enhance your mental agility. App changes its theme automatically based on the occasion. App has auto update theme properties. ASAP new version App available over App Store, available App also update itself internally. |

## 6. Piczzle Messaging (iPhone Application)

| **Tools & Technology** | Objective-C, Xcode, Mac, SQLite, Amazon S3 |
|---|---|
| **Responsibilities** | Development, Testing, Coordination with server-side development team, Amazon S3 for store and retrieve Files. |

| Description | Piczzle Messaging is a social puzzling app. Create a custom photo slide puzzle with a hidden text or voice message that gets unlocked once recipient solves the photo puzzle. Download puzzle to play offline also. |
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### 7. Smyths Toys (iphone/iPad Application)

| Tools & Technology | Objective-C, Xcode, Mac, SQLite, MapKit, YouTube, Google Analytics |
| --- | --- |
| Responsibilities | Take over the App, Upgrade the Application According to client requirement, New Design, according to backend app will perform change in color and icon, Local Database maintain, push notification, recent 10 videos from client you tube channel, generate analytics report of app usage. |
| Description | This is an E-commerce based Application. Search toys, select & make favorite wish list according to family, add to basket and Buy also. |

### 8. Saintsoftheday (iPhone/iPad Application)

| Tools & Technology | Objective-C, Xcode, Mac, Facebook & Twitter SDK, PayPal, Ad Network |
| --- | --- |
| Responsibilities | Take over the App, Upgrade the Application According to client requirement to get funds and Social media integration. |
| Description | App is designed for Christians. User will get daily feed about famous saints. Make common events and invite others to join as well as see other events too. Raise the fund for community. One can share the daily feed and events over Social media. |

## Company: Jouster Labs Private Limited

**Responsibilities:**

- Work with team to understand the requirement and workflow
- Learn to adapt technologies and approach to work
- Initial Level work on UI for already developed Apps
- Learn how efficient the UI should be made and provide to the User
- Look over the Functional part of the Application
- Develop the App from the Scratch
- Set up the App Store
- Create Certificate and Provisional Profiles (Development, distribution, Notification)
- Prepare Unit test cases
- Server and QA Coordination
- Avail build for Ad-Hoc testers
- Publish App to App Store

### 1. FeedBack Form (iPhone/iPad application)

| Tools & Technology | Objective-C, Xcode, Mac |
| --- | --- |
| Responsibilities | Analyzing the client requirements, developing, unit testing and functional test plan preparation |
| Description | This app is made for a Restaurant. User will go through a series of questions and accordingly their experience will share the feedback as well as then r able to give suggestion in case any improvement they feel. A restaurant will collect feedback from their customers using this app. |

### 2. Rittemead – Service Desk (iPhone/iPad application)

| Tools & Technology | Objective-C, Xcode, Mac |
| --- | --- |
| Responsibilities | Analyzing the client requirements, developing, unit testing |

| **Description** | This is Service Desk Application. The application contains features like; one can raise the ticket regarding Leave, Expense, Travel, Business and other. Through it one can see their up and down channel. Which ticket is Approved, which is in queue and other Facilities? |
| --- | --- |

### 3. Restaurant App Template (iPhone /iPad application)

| **Tools & Technology** | Objective-C, Xcode, Mac, MapKit |
| --- | --- |
| **Responsibilities** | Development |
| **Description** | This is a general-purpose application made for the customers to find nearby restaurant. Using GPS location or by using search feature, the app will locate nearby restaurant list on map. |

### 4. Taxi App Template (iPhone Application)

| **Tools & Technology** | Objective-C, Xcode, Mac, MapKit |
| --- | --- |
| **Responsibilities** | Development |
| **Description** | Using this user used to book cab/taxi. User can also save their favorite journey List to avoid Searching all the time. It is built for Taxi Companies. The template also contains Map feature. |

### 5. RoomMate (iPhone/iPad application)

| **Tools & Technology** | Objective-C, Xcode, Mac, MapKit |
| --- | --- |
| **Responsibilities** | Development, Modeling, unit Testing. |
| **Description** | Roommate is an ideal app to find out room and new roommate according to your roommate preferences easily. Designed for busy modern-day apartment finder, which makes looking for roommate a smooth and easy transition. This iPhone app surfaces millions of affordable listings, helping you to find the perfect apartment and house rental. |

### 6. Mega Slot (iPhone application)

| **Tools & Technology** | Objective-C, Xcode, Mac |
| --- | --- |
| **Responsibilities** | UI Design, unit Testing. |
| **Description** | Slot is a casino gambling game with 5 reels and winning is decided on several combinations. User can place bet upon 15 lines at once, Coins are introduced as virtual currency and In-App Purchases are also introduced. Individual targeted Push Notification has been used, so as to enhance user engagement. |

### 7. Mega Black Jack (iPhone/iPad Application)

| **Tools & Technology** | Objective-C, Xcode, Mac |
| --- | --- |
| **Responsibilities** | UI Design, unit Testing |
| **Description** | Mega Blackjack is one of the best-selling card games made for iPhone and iPad. In this user can play in two modes online and offline. It is example of perfect integration of UIKit and Cocos2D. UIKit for interface and Cocos2D for game engine. |

## EXTRA CURRICULAR ACTIVITIES:

- Organized the first cultural Event of College
- Was participated in regular **cultural activities & sports** on school & college level
- Runner up in College based Badminton
- Best Player of Volleyball in school and college