ATUL PRAKASH

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PROFESSIONAL SUMMARY

- 10 years of IT Experience in Software Development, iOS Mobile Apps, and SDKs
- Experience with all phases of the Software Development Life Cycle (SDLC) including requirement Analysis, Design, Code Development, Documentation, Testing, Deployment, Version Control, and production support.
- Good knowledge of iOS and Swift concepts.
- Sound knowledge of OOPS concepts and SOLID principles
- iPhone/iPad app development experience using Objective-C/Swift on the Mac platform.
- Developed **20** Apps (**13** with a team and **7** Individually), **4** Frameworks
- Good knowledge of Design Patterns
- Good knowledge of ARC and MRC memory management. Experienced with Memory debugger and memory leaks
- Proficient in REST API, JSON, SQLite, XML, Location-based app, Map, Push notification, Game Centre, and In-App purchase, Apple Pay, PayPal, Call Kit, Quick look
- Have extensively worked on the application integrated with social media like Facebook, Twitter, YouTube Videos, Amazon S3 for store and retrieve and Google Analytics, Google Ads
- Worked with Push Notifications
- Skilled with iTunes Connect to upload build for Test Flight and Publish on the App Store
- Worked on Azure Services such as Azure Functions, Azure Scheduler, Azure Database, and others.
- Experienced in XCTest Framework to write test scripts for the Application
- Skilled in Azure Communication services and Azure Chat-related services with iOS
- Having experience in mentoring and leading a team to follow new trends and implement them in app development.
- Capable of researching and expanding to new leading technologies and comfortable working globally.
- Skilled with Enterprise Architect, Gliffy to deliver UML Diagrams

SKILLS

- **Platforms:** iOS, macOS
- **Languages:** Swift, Objective C
- **IDE:** Xcode 4.5 & higher
- **Frameworks:** Cocoa Touch, UIKit, Foundation, CallKit, PushKit, QuickLook, AVFoundation, Photos, Contacts, Core Media, Quartz Core, MapKit, StoreKit, PassKit, Notification, Paypal, Amazon S3, Game Centre, Google Analytics, Facebook, Twitter & Third-Party Libraries
- **Design:** Enterprise Architect, Gliffy, Figma
- **Development Practice:** BDD, TDD
- **Principle -** SOLID

- **Scripting:** XML Parsing, JSON Parsing
- **Object Graph & Persistence:** SQLite, Core Data
- **Services:** Core Graphics, JSON Parsing, Networking
- **Version Controlling Tools & Technologies:** SVNx (for SVN), SourceTree (for Git)
- **Architectural Patterns:** MVC, MVVM, MVVM-C, Clean
- **Secondary Skill:** XCTesting & XCUITesting
- **Build Tools:** XCode build & Fastlane
- **Design Patterns –** Singleton, Factory, Adapter, Façade, Observer

Concentrix Catalyst – Software Engineer II
Bengaluru, Karnataka
12/2020 - *Present*
Responsibilities:

- Working directly with product managers to conceptualize, build, test, and realize products.
- Conceptualize and Submit time estimation based on SOW
- Working with the UX team to build the interface with a focus on usability features.
- Guide a team in the development
- Manage Jira Board and assign stories to team members
- Responsible to own POC for next-generation innovative functionalities and providing solutions to the same
- Handle complex work and complete the functionality
- Present demo to a client and get approval over the same
- UT for the project greater than equal to 90%
- Provide build to release for Beta Testing
- Monitor the performance of the App and continuously improve the memory usage
- Submit a weekly status report to the client

Wipro Ltd – Senior Project Engineer
Chennai, Tamil Nadu
03/2019 - 12/2020
Responsibilities:
- Fix Development Radars (issues/bugs) raised by users
- Test Scripts Automation
- Maintain and clean the code and code structure
- Follow the code guidelines, address the changes in the current repository
- Create Simple and effective methods to automate the test scripts, that will consume less time and produce an effective result
- 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 of the team
- Extra hand in functional testing and raising radars. Also, help with writing test cases
- Get the code coverage using the Python script from the .xcresult file
- Submit new innovative ideas which help in reducing the cost for the client

ZakApps Software Pvt. Ltd – iOS Developer
Chennai, Tamil Nadu
05/2015 – 12/2018
Responsibilities:
- Gather requirements as per the Client's requirements

- Work with UI designers to develop the design and get approval from the client
- Comply with 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 clients 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 for Sale

Jouster Labs Pvt Ltd - **Software Engineer**
Bengaluru, Karnataka
01/2014 – 05/2015
Responsibilities:
- Work with the team to understand the requirement and workflow
- Learn to adapt technologies and approaches to work
- Initial Level work on UI for already developed Apps
- Learn how efficient the UI should be made and provide it 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)
- Prepared Unit test cases
- Server and QA Coordination
- Avail build for Ad-Hoc testers
- Publish App to App Store

PROJECTS

1. **T-Mobile**
   Client: T-Mobile
   Company: Concentrix Catalyst
   Description: T-Mobile is an American based telecom service provider company which main idea is not to lock a customer for 3-year contract like Verizon and AT&T. T-Mobile App made ease of access to all the services provided by the company on finger scroll. User can switch the network, pay the bills, apply for the e-sim, shop through variety of items, select plans, update with latest happening, and many more.
   Tools & Technologies: Swift 5, Xcode 14, iOS, MacOS, XCTest, XCUITest, Jira, GitLab
   Roles & Responsibilities:
   - Modular based development
   - Unit Tests and UI Tests
   - Work with scrum master for story refinement,
   - Review MR
   - QA alignment and Latest feature update

2. **Axiom**
   Client: Axis Bank
   Company: Concentrix Catalyst
   Description: Axiom is an enterprise application used by Axis bank higher officials to track the growth of the company. Axiom shows the comparatively quarter data with different year in bar chart, line chart and tabular format. The app contains multiple modules designated to different areas of Axis bank.
   Tools & Technologies: Swift 5, Objective-C, Xcode 13, iOS, MacOS, GitLab
   Roles & Responsibilities:
   - Upgrade the complete charts library
   - Upgrade the App to work from Xcode 7 to Xcode 13
   - Fix the bugs and match with existing working modules
   - Release build for Enterprise
   - Add new modules with Swift by creating a bridge header

3. **Honeywell iFlight**
   Client: Honeywell
   Company: Concentrix Catalyst
   Description: Honeywell iFlight is an engagement tool to read data from connected FMS and manipulate it to solve multiple use cases related to path, shortcuts routes, oceanic information, weather hazards, of current flight plan using Avionics and Aircraft State. Designed to place in Aircraft cockpit for pilot and first office. It also helps in record data during flight plan regarding flight position, fuel, and other aircraft information's.
   Tools & Technologies: Swift 5, Xcode 12, iOS, MacOS, XCTest, Jira, Bitbucket
   Roles & Responsibilities:
   - Understand requirements from Product owner with detailed description
   - Develop Engines (Frameworks) as per use cases
   - Design (using Enterprise Architect) and Document update in Confluence
   - Demo post use case
   - Work with HW team and help/guide them with iOS Development

4. **Honeywell Forge Worker Assist**
   Client: Honeywell
   Company: ProKarma
   Description: Honeywell Forge Worker Assist is a workforce productivity application to improve decision making, augment worker efficiency, and enhance operational performance. Workers in the field can make audio/video calls, one-to-one, and conference calls, chat with the members, share the stream and share the annotation for higher visibility. Invite a guest user to join the call, laser point to point exact location, remote camera control, and several other handy features.
   Tools & Technologies: Swift 5, Xcode 12, iOS, MacOS, XCTest, Jira, Bitbucket
   Roles & Responsibilities:
   - Get requirements from client with detailed description
   - Create stories and track the status. Sprint start and close. Conduct retro on sprint closure
   - Guide the team members toward the work
   - Handle complex modules and provide solutions to the team
   - Maintain UT coverage > 92%
   - Demo to client with developed feature and close the stories addressing acceptance criteria
   - Review/Merge PR and observe the builds in Bitbucket Pipeline
   - Work with UI automation team to capture all the scenarios and add accessibility elements for UI

5. **RadarX**
   Client: Apple Inc.
   Company: Wipro Ltd
   Description: Radar is the premier communication and tracking system that ties all these people together, allowing them to intelligently coordinate their interrelated efforts. It is 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 fix the bugs raised by the end-user. Need to write a test script to automate the test cases written by the QA.
   Tools & Technologies: Swift 5, Xcode 12, iOS, MacOS, XCTest, Jenkins
   Roles & Responsibilities:
   - Radar solving by development (raised by end-users/developers/testers)
   - Develop, support, maintain and implement complex project module
   - Automate test scripts
   - Coach, guide, and mentor junior members of the team

6. **MC&C - ETL (Microsoft Azure)**
   Company: ZakApps Software Pvt. Ltd
   Description: MC&C is a leading digital media marketing company, which works for several clients to manage their campaigns over the different channels which motto is Promote. The project is based on ETL (Extract, Transform, Load). MC&C is a digital marketing company that works for several clients. The 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 them again into Microsoft SQL. The Whole project acknowledged using 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.
   Tools & Technologies: Azure Data Factory, Azure Data Lake Analytics, Azure Functions, Azure SQL Database, Azure Active Directory, Azure Scheduler, JavaScript, SSMS, SSMA
   Roles & Responsibilities:
   - U-SQL Script
   - Development,
   ETL, SOW Diagrams

7. **Gazzery (iPhone Application)**
   Company: ZakApps Software Pvt. Ltd
   Description: Gazzery presents a platform to create your video & share it through the App. Users can see the other user's videos and can like & post their comments. The video is categorized into 5 groups, having subgroups as Most recent, viewed & liked.
   Tools & Technologies: Xcode, Storyboard, iOS Platform
   Roles & Responsibilities:
   - SOW, Flow Diagram, Use Cases,
   - Development, Testing
   - Server-Side requirement analysis, Amazon S3 Integration
   - Deployment

8. **McCullough Maintenance (iPhone Application)**

Company: ZakApps Software Pvt. Ltd

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 be 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.

Tools & Technologies: Swift 4, Xcode 8.1, Mac

Roles & Responsibilities:

- SOW, Flow Diagram, Use Cases
- Development
- Testing
- Deployment

9. AppventCal (iPhone Application)

Company: ZakApps Software Pvt. Ltd

Description: It is an universal application i.e. for both iPad and iPhone. We can see the information related to all the employees in the company Crown. This was an enterprise app as well.

Tools & Technologies: Swift 3, Xcode 8.1, Mac, Core Data

Roles & Responsibilities:

- Development
- Testing
- Database Integration
- Deployment

10. ThumZapp (iPhone Application)

Company: ZakApps Software Pvt. Ltd

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.

Tools & Technologies: Swift 2.2, Swift 3, Xcode 7.3, Xcode 8, Mac

Roles & Responsibilities:

- Development
- Testing
- Coordination with server-side development team
- Deployment

11. Piczzle Messaging (iPhone Application)

Company: ZakApps Software Pvt. Ltd

Tools & Technologies: Objective-C, Xcode, Mac, SQLite, Amazon S3

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.

Roles & Responsibilities:

- Development
- Testing
- Coordination with server-side development team, Amazon S3 for store and retrieve Files

12. Smyths Toys (iPhone/iPad Application)

Company: ZakApps Software Pvt. Ltd
Tools & Technologies: Objective-C, Xcode, Mac, SQLite, MapKit, YouTube, Google Analytics
Description : This is an E-Commerce based application. Search toys, select & maintain favorite, wish list according to preferences. You can buy it also.
Roles & 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 maintenance
- Push notifications
- Recent 10 videos from client you tube channel
- Generate analytics report of app usage.

13. **Saintsoftheday (iPhone/iPad Application)**
   Company: ZakApps Software Pvt. Ltd
   Tools & Technologies: Objective-C, Xcode, Mac, Facebook & Twitter SDK, PayPal, Ad Network
   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.
   Roles & Responsibilities:
   - Take over the App
   - Upgrade the Application According to client requirement to get funds and social media integration.

14. **Feedback Form (iPhone/iPad application)**
   Company: Jouster Labs Pvt Ltd
   Tools & Technologies: Objective-C, Xcode, Mac
   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.
   Roles & Responsibilities:
   - Analyzing the client requirements
   - Developing, Unit testing and Functional test plan preparation

15. **Rittemead – Service Desk (iPhone/iPad application)**
   Company: Jouster Labs Pvt Ltd
   Tools & Technologies: Objective-C, Xcode, Mac
   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 his or her up and down channel. Which ticket is Approved, which is in queue and other Facilities?
   Roles & Responsibilities:
   - Analyzing the client requirements,
   - Developing, Unit testing

16. **Restaurant App Template (iPhone /iPad application)**
   Company: Jouster Labs Pvt Ltd

Tools & Technologies: Objective-C, Xcode, Mac, MapKit
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.
Roles & Responsibilities:
- Development

17.   Taxi App Template (iPhone Application)
Company: Jouster Labs Pvt Ltd
Tools & Technologies: Objective-C, Xcode, Mac, MapKit
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.
Roles & Responsibilities:
- Development

18.   RoomMate (iPhone/iPad application)
Company: Jouster Labs Pvt Ltd
Tools & Technologies: Objective-C, Xcode, Mac, MapKit
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.
Roles & Responsibilities:
- Development
- Modeling
- Unit Testing.

19.   Mega Slot (iPhone application)
Company: Jouster Labs Pvt Ltd
Tools & Technologies: Objective-C, Xcode, Mac
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.
Roles & Responsibilities:
- UI Design
- Unit Testing

20.   Mega Blackjack (iPhone/iPad Application)
Company: Jouster Labs Pvt Ltd
Tools & Technologies: Objective-C, Xcode, Mac
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.
Roles & Responsibilities:
- UI Design
- Unit Testing

EDUCATION

Bachelor Of Engineering (BE-IT): Information Technology, 2011

Rajiv Gandhi Technical University - Bhopal, MP
- Completed BE(IT) from Rajiv Gandhi Technical University in June 2011.

HONORS & AWARDS

- **Execution Excellence –** Issued by Wipro Digital : Jan 2020
- **Craftsmanship** – Issued by PK Executive Team: Dec 2021
- **Customer – Obsessed** - Issued by PK: Dec 2021

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

DECLARATION

I hereby declare that the information mentioned above is true to the best of my knowledge.
Date:

Atul Prakash