

Arti Karnik

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SUMMARY:

- *Over 7.5 years of experience, as an iOS developer in designing, developing, implementing, testing and publishing iOS/iPad apps on iTunes Store.*
- *Strong working knowledge of Xcode, CocoaTouch, Objective-C, Swift, and iOS.*
- *Highly-experienced with iOS architecture such as **MVC**, **MVVM**, **MVP**, **Viper***
- *Extensive use of **Design patterns** such as Delegation, Singleton, Categories, Notification, KVC, KVO.*
- *Comfortable with both ARC/MRC memory management. Understanding of the workings of retain, release, autorelease, autorelease pools, weak, strong, etc.*
- *Constructed and implemented UI designs using Storyboards with **AutoLayout** constraints, XIB files, and programmatically following Apple's iOS Human Interface Guidelines.*
- *Use of **Grand Central Dispatch (GCD)** and **NSOperations** to perform tasks on different threads, allowing for a more fluid user experience.*
- *Fluent with URLSession for web service consumption and XML Parser/JSON Serialization for parsing said service responses.*
- *Test driven development and **CI/CD** Integration. Creating automation test cases using XCTest framework.*
- *Experience with CI/CD with testing and release automation.*
- *Strong Experience in Database Management skills: Core data, Realm and SQL.*
- *Proficient in source control with Git, Bitbucket.*
- *Strong knowledge in implementing core Frameworks like CoreLocation, CoreGraphics, MapKit, UIKit, EventKit Frameworks and AVfoundation framework.*
- *Detail-oriented developer with a strong written and oral communication skills.*

TECHNICAL SKILLS:

<i>SKILLS Frameworks</i>	<i>Swift 5, ios Framework, iPhone SDK, Cocoa touch Framework, Core data framework.</i>
<i>Languages</i>	<i>C, C++, C#, Objective-C, Swift , HTML, XML, CSS</i>
<i>Web Based Services</i>	<i>SOAP, RESTful, JSON</i>
<i>Databases</i>	<i>Core data, Realm, SQLite,</i>
<i>Web Technologies</i>	<i>HTML, CSS, JavaScript, AJAX, SOAP, JSP, JavaScript</i>
<i>Design Tools</i>	<i>Microsoft Visio</i>
<i>Operating Systems</i>	<i>Mac OS, Windows 8/7/Vista/XP</i>
<i>Others</i>	<i>MS Office Suite, MS Visio, Adobe Photoshop</i>

PROFESSIONAL EXPERIENCE:

Wipro ltd:

Aug 2020 - Present

Role: iOS Automation Engineer

- Test designs and test cases*
- Maintain and/or develop automation tools to support Mobile Device test framework(s)*
- Implement best-fit automation framework and corresponding tests*

Environment: Mac OS Catalina, XCTestcase

S.S Business Solution:

Jan 2018 - Aug 2020

Role: IOS Developer

- *Participated in SCRUM meetings along with developers, testers, product owners to deliver the right value of the project and discuss the progress of the project in sprints.*
- *Test driven development and creating test cases using XCTest framework*
- *Used Xcode and Storyboards to develop the screens for the application using MVC design patterns.*
- *Setting designs supporting all devices using Auto layout.*
- *Created and customized views, table views, tab bars and navigation bars which are some basic functionality in a multi-view application.*
- *Implemented CoreData framework to store user Data.*
- *Used Mapkit and Core Location framework to enhance users' find their destination of the nearest local store.*
- *Implemented NS Operation Queue and NSURL Connection to integrate with backend web services.*
- *Worked closely within a cross functional team of testers and developers.*
- *Formatted the Data as per Business rule to display in UI.*
- *Followed a work data flow principle for design and development.*
- *Used AVFoundation Framework to record audio/view videos from the device.*
- *Developed unit tests for testing specific functionality and logic.*
- *Fixed bugs as documented by the QA team.*
- *Debugging issues at onsite whenever required using Xcode and GDB.*
- *Used Instruments to fine tune the app performance and memory management.*
- *Worked with Subversion to checkout and update codebase changes.*
- *Enforced intuitive gesture controls to enhance the ease of interaction.*
- *Improve the speed and functionality of the application.*

Environment: *iOS 9.x /10.x (iPad SDK), Mac OS 10.x, Objective C, Xcode 8.x, Cocoa Touch, Cocoa framework, JavaScript, JQuery, Adobe CS5 Suite (Photoshop, Dreamweaver), MapKit, Core Location, and AV Foundation, Git, Instruments.*

Client: Neogov, Los Angeles

August 2014 - Nov 2016

QA Analyst

Responsibilities:

- *Reviewed user stories, drafted functional test cases & test plans, performed Functional, Regression, sanity & post production testing of a web based SaaS application to ensure smooth production releases.*
- *Used Jira to TestRail & SnagIT while documenting & verifying logged bugs, 508c testing, coordinated with QA leads, attended daily scrum calls & provided regular sprint/testing updates and used Selenium browser automation.*

Client : Next Era, Florida

July 2014 - August 2014

Mobile App Programmer

Responsibilities:

- *Updating images, video and music files*
- *Making performance changes to existing games for client based in Canada.*
- *Uploading to Appstore*

Environment: iOS 5.0,Xcode 5, Objective C, Mac OS X, iPhone, Git, Cocoa.

Night lifie, Los Angeles

April 2014 - June 2014

iOS Developer

- *Developing iPhone application from scratch for client based in London User have option to search for near by night club , add review , post pictures Parsing JSON response from web server and showing user data*
- *Showing different location on maps.*

Environment: iOS 5.0

IndiaNIC, iOS Developer (iPhone, iPad) Nov 2011- Sept 2013

- *Help Me application - Push Notifications that notifies the user location changes. Experience in consuming JSON files to parse data received from back end developers and using the data in MVC flow.
Integrated NSURL Session to integrate with web services.*
- *Used Core Data in the project for persistent data storage.
Worked on NS Operations, GCD and closures to perform multi-threaded development and asynchronous service calls.
Worked with data parsing forms (JSON) to dynamically display data on devices, and with Web service like RESTful API.*
- *Implemented, designed and coded the Settings User Interface View with MVC design pattern according to the client's requirements using Navigation View, UI Table View, UI custom Cell, UI Switch and UI Web view, UI Image View for iPhone, iPad.*
- *Worked on Custom UI implementation with XIBs and Story boards and associated with appropriate reusable classes.*
- *Hands on experience with Auto Layout in XCode Interface builder.*

Environment: iOS 4.0, XML, JSON, XCode, CoreData, SQLite Manager, SOAP, SVN

WebItec, Ahmedabad

Aug 2010 - Nov 2011

iOS Developer

- *Developed user friendly iPhone/iPad games, developed camera, flashlight based application.*
- *Integration of Facebook, Twitter, LinkedIn & Instagram using its API's
Integration of iAd, Admob & other ad frameworks.*
- *Integration of Apple Push Notification Service for in-app purchases.*

Environment: iOS 3, XCode 4, Objective C, Agile Methodology, SVN.

EDUCATION

L.D College of Engineering, Ahmedabad, Gujarat, India July 2007- May 2010

Masters in Computer Applications

M. S. UNIVERSITY, VADODARA, GUJARAT, India July 2004 - May 2007
Bachelor of Science