Arun Kumar

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Professional Summary

* Over 7 years of experience in IT industry with over 5 years as a software developer in designing and developing Rich User Interface applications, integrating with various Databases and Client-Server applications in **iPhone/iPad** (iOS 3.0, 4.0, 5.0, 6.0,7.0, 8.0, 9.0 **XCode** 4.0, 4.2, 4.3,5.0, 6.0, 7.0) application development using **Objective-C**, **CocoaTouch**, **UIKit.**
* Programming using Objective-C, as well as **SWIFT.**
* Highly readable code using commenting, comprehensive documentation, and naming rules.
* Worked with QT Framework 5.0 in creating .pro files and deploying to Xcode Project.
* Database Management in **SQL**, **NoSQL**, **Pl** SQL, Parse, and **Monod**.
* Developed iOS games using **Cocos2D.**
* iPhone and iPad application development.
* Experience in working with Apple Push Notifications, In-App purchases.
* Clear knowledge in Testing app on device using development profile.
* Utilization of iOS Camera, Audio, Video Capture Frameworks.
* Expertise in **MVC** design architecture, Cocoa design patterns and concepts like delegation, protocols and categories.
* Experience in Customized Views, Table Views, Tab Bars, Scroll Bars and Navigation Bars.
* Complete understanding of iPhone/iPad/iPod architecture and various versions of iPhone Software Development Kit (SDK) that includes Xcode, UIKit, Map Kit, Web Kit, Instruments, iPhone simulator and Third Party frameworks.
* Proficient in Core Frameworks like Map Kit, Core object, Core services, Core Graphics, Core animation, UIKit, and MVC methodologies.
* Used REST/SOAP Web Services and APIs extensively.
* Proficient in parsing **JSON**, **XML**, and **PLIST**.
* Proficient in source control with **GIT** and **SVN.**

# Work Experience

**Gate Gourmet, Reston VA** 

**IOS Application Developer**

09.2015 – Till Date

Gate Gourmet was founded in 1992 from Swissair catering. In the 1990s, as part of the SAir Group of companies, Gate Gourmet grew through acquisitions, including the flight kitchens of Aero-Chef, SAS, Varig and British Airways. In 1999, Gate Gourmet merged with Dobbs International Services, which was established in Memphis, Tennessee, in 1941. Gate Gourmet was sold by the SAIr Group in 2002 and under private ownership the company underwent a major restructuring and refinancing. Following a number of acquisitions in 2006 and 2007, the gategroup brand was introduced in early 2008, providing an unprecedented product and service offering to the travel industry. In May 2009, gategroup was listed on the SIX Swiss Exchange.

**Responsibilities:**

* Worked closely within a cross functional team of testers and developers.
* Worked on web service calls, **XML** parsing included in the project.
* Worked extensively with **ObjectiveC**.
* Worked with **UIKit** Framework for development and maintenance.
* Added animation between **UIViews** for smooth transitioning and better user experience.
* Worked with Backend team to display the correct data format in devices.
* Responsible for Creating Models and Services in conformance with the **WSDL's** provided.
* Responsible for Service Integration Development and Testing.
* Used the same **XIB** to design for iPhone 5 and older iPhones by using Auto-layout.
* Custom UI implemented with XIBs.
* Developed navigation between views, a mixture of **UINavigationController**, **UIGesture** Recognizer and **UIPopoverController**.
* Created the complete database using CoreData.
* Took care of Code Review, Code Fixes and bug Fixes.
* Worked with **GDB** and Xcode for debugging.
* Worked with **GIT** to checkout and update the codebase changes.
* Reported progress/challenges to onsite project lead.
* Designed **XSDs** to define the xml structure of data exchanged between iPhone and server.
* Managed data and memory management from streamlining code and using various debugging tests.
* Used **JIT** (just in time compilation) where the compiler and execution goes simultaneously.
* Followed agile methodology for implementing the Application.
* Interacting with **QA** on deliverables on every iteration and customer feedback implementation.

**Environment:** IOS (iPhone SDK), Mac OS3. X, Objective C, Xcode, Cocoa Touch, Cocoa framework, Adobe CS5 Suite (Photoshop, Dreamweaver).

**Liberty Mutual, Dover, NH** 

**IOS Application Developer**

11.2014 – 08.2015

With the Liberty Mutual Mobile App you can take advantage of the following features and much more View details about your policies; who, what and how you are covered. Learn about your current auto and property coverages and additional options with Coverage Compass™. Make vehicle, driver and coverage changes on your auto policy and mortgage lender, home improvement and coverage changes on your home policy. View and save your auto insurance ID cards and electronically sign your documents. Pay your bill and manage automatic payment plans.

**Responsibilities:**

* Developed the App using Cocoa Touch frameworks like **UIKit**, Foundation, **CoreGraphics** Frameworks and worked on web service calls, XML and JSON parsing and actively involved in full design and development of this project and developed a native iOS application using Objective-C language.
* Worked extensively on table view controller and made customized table view cells according to the client.
* Followed a work data flow principle for design and development.
* Worked closely within a cross functional team of testers and developers.
* Worked with UIKit Framework for development and maintenance and added animation between UI Views for smooth transitioning and better user experience and involved in XC UI test.
* Worked with **SVN** to checkout and update the codebase changes.
* Experience working with Bluetooth Low EnergyDevices (BLE) and OEM.
* Worked on various Bluetooth Low Energy class, symbols and constants.
* Experience on Bluetooth background processing.
* Worked on BLE protocols and structures.
* Experience on peripheral role task and setting up the local device as a peripheral.
* Used **JSON** parsers to parse the data from the web services and display it in the company's app.
* Knowledge of performance bottlenecks, end-to-end performance, and web performance measures like server response time, throughput and network latency.
* Worked effectively with the project managers, leads, architects, and other development team members. Provided status updates on regular basis for the assigned task progress.
* Supported testing team to ensure testing conforms to design and requirements.
* Worked with testing team to develop and document test plans and test cases and design and develop reusable, automated tests in accordance with coding.
* Worked with the project team to develop implementation, build and deploy artifacts.
* Performed deployment during testing and development. Supported production deployment team on need basisand followed **SCRUM** methodology throughout development.
* Worked with third party framework Xamarin using python
* Post Production monitoring of the deployed software to ensure successful implementation.
* Detailed walk through and hand over the artifacts to production support team.
* Implemented **NSURLConnection** to integrate with backend web services.
* Implemented Customer with **XIBs**, and Retain/Release memory management and created various views, table views, customized views and popovers.
* Followed agile methodology for implementing the Application.
* Debugging issues at onsite whenever required and worked with **GDB** and Xcode for debugging.

**Environment**: iOS, Xcode, Instruments, UIKit, Foundation, Swift, Core Graphics Frameworks, Restful web Service

**Allstate Insurance Co, Northbrook, IL** 

**IOS Application Developer**

01.2014 – 10.2014

Allstate℠ Mobile helps you pay bills, report a claim, update your policy information and get roadside & accident support that you can access anywhere anytime. With the Allstate℠ Mobile app you can Pay Your Bill – Make or schedule a payment with your bank account or credit/debit card, View Policy & Auto ID Info – Manage policy details and access, save and send your auto policy ID, Claims – Start an auto or property claim, check the claim status and message your claim rep. right from the app, QuickFoto Claim℠ – Submit damage photos and receive a quick auto claim estimate for qualifying claims, Get Roadside Help – Contact emergency roadside service when you need help with a flat tire, breakdown and more, Drivewise® – Check driving performance and progress (enrollees only), Find an Agent – Access your agent’s profile or find a nearby agent using your phone’s GPS, Preference Center – Manage communication preferences (e.g., payment confirmations, Allstate updates, etc.) and update your online profile, Parking Locator – Find your parked vehicle, Gas Finder – Find the nearest gas stations, Check for Recalls – Check for vehicle recalls under your auto policy information and Allstate Car Buying Service – Link to TrueCar’s car buying service — you may also be eligible for a buyer’s bonus.

**Responsibilities:**

* Used **Xcode** and **Storyboards** to develop the screens for the application using **MVC** design pattern.
* Worked broadly on table view controller and made customized table view cells as indicated by the customer.
* Followed a work information stream standard for outline and improvement.
* Worked on **Web Service calls**, **XML** and **JSON** parsing included in the project.
* Worked with **UIKit** Framework for development and maintenance.
* Used Core Data Framework for local storage purpose in **PLSQL**for getting the code program blocks, triggers and funtions & packages.
* Formatted the Data according to Business standard to show in UI.
* Worked with **GIT** to checkout and update the codebase changes.
* Reported progress/difficulties to project lead.
* Debugging issues on location whenever required.
* Added animation between UI Views for smooth move and better client experience.
* Publishing the application on App store and afterward pushing upgrades after every sprint discharge.
* Web services deployment and testing on rest client.
* Followed agile methodology for implementing the Application.
* Worked on Unit-test code for strength, including edge cases, usability, and general reliability.
* Responsible for Service Integration Development and Testing.

**Environment:**iOS, Mac OS X, Objective-C, JIRA, Xcode, Swift, iPhone Simulator, Cocoa Touch,

Core data, HTML, CSS, XML, JSON, JavaScript, JQuery.

**NCR Corporation, GA** 

**IOS Developer**

07.2012 – 12.2013

NCR is a major technology conglomerate with over 1,400 patents to its name. The company develops hardware, software, electronics, and is a major operator in Its.

**Responsibilities:**

* Worked on designing an Intelligent Asynchronous Cache Manager to separate the UI code from Service Call Code.
* Worked with **ObjectiveC** and **Cocoa** frameworks.
* Responsible for Creating Models and Services in conformance with the WSDLs provided.
* Conducted Service Integration Development and Testing.
* Web services deployment and testing on rest client.
* Created the complete database using core data.
* Complete implementation of the retrial mechanism.
* Beta testing of the application via test flight.
* Pushed updates after every release.
* Designed the complete **MVC** flow for the application with UI components and controllers to be used for iPhone.
* Developed critical tools for this project like customized navigation bar, page control and scroll view.
* Worked with UIKit Framework.
* Worked extensively on table view controller and made customized table view cells per requirements.
* Design and develop reusable, automated tests in accordance with coding.
* Made Pre-fetching of data for different views possible for smooth screen transitioning.
* Worked closely within a cross functional team of testers and developers.
* Worked on **web service calls**, **XML** and **JSON** parsing.
* Worked with UIKit Framework for development and maintenance.
* Added animation between UIViews for smooth transitioning and better user experience.
* Worked with backend team to display the right data formats in devices.
* Used the same XIB to design for iPhone 5 and older iPhones by using Auto-layout.
* Integrated a web-based content made with **HTML5** on a Native app using UIWebView.

**Environment:** iOS (iPhone SDK), HTML, CSS, JavaScript, JQuery, Mac OS X, Objective C, XCode, Cocoa Touch, Cocoa framework, JavaScript, AGILE, REST, JIRA, JQuery, Adobe CS5 Suite (Photoshop, Dreamweaver), Map Kit

**Wells Fargo, San Francisco** Image result for wells fargo logo

**Android Application Developer**

05.2010 – 06.2012

The Wells Fargo Mobile is the online banking app for Android mobile devices. This app gives the user fast access to account information and use their device's built-in functions to provide a better banking experience. Features of the application include viewing account balances across multiple instances, balance transfer between accounts, detailed tracking of account transactions, one touch bank/ATM locator and easy access to the Wells Fargo you tube channel.

**Responsibilities:**

* ­Worked in different phases of the project cycle like design, development and testing.
* ­Discussed the requirements with the client and documented the requirements.
* ­Developed the activities and UI layers.
* ­­Used **Android SDK** and **Eclipse IDE** for development.
* Implemented Fragments to make the app usable on both Smart phones and Tablets.
* Worked on Generic Grids and Custom List Views to list the XML feeds.
* Developed the app to adapt to different orientations (Landscape/Portrait) and various resolutions (ldpi/mdpi/hdpi) based on the device.
* Implemented the **XML Parser** class to parse the XML feed from the URL.
* Used GCD for Asynchronous background fetches to build more responsive User Interface.
* Design and develop reusable, automated tests in accordance with coding and made Pre-fetching of data for different views possible for smooth screen transitioning.
* Worked with GIT to checkout and update the codebase changes and followed SCRUM methodology throughout development.
* Worked on locating nearby the Bank and ATMs with respect to the customer location/zipcode entered with the ability to navigate to the branch or ATM or call the branch location directly.
* Linked it to Google maps to provide the address and navigation.
* Contributed in**Database Management**.
* Contributed in code debugging using **Logcat** and **DDMS**.
* ­­­Tested the app across different versions of Android and different android phones to assure quality and performance.

**Environment:** Android SDK, SQLite, Eclipse IDE, Android API’s, JDK, XML, JSON, HTML, CSS, SQLite, GPS service, Log cat, DDMS.

**GSS InfosoftPvt ltd, India** 

**Java Developer**

06.2009 – 05.2010

GSS Infosoft is a company specializing in organizational transformation by renewing the strategic planning process and developing the changed strategy in an integrated manner.

**Responsibilities:**

* Gathered requirements needed for transition effect and the UI screens affected.
* Prepared UI &**HLD** documents.
* Implemented main menu icons in a **GRID** layout, screen transition effects, particle effect for user look and feel.
* Prepared test case specification document.
* Performed unit testing for the features developed.
* Writing **JSP** for Online Quote for Resident Insurance.
* Developing **CMP** read only Entity beans to get Insurance quotes.
* Fixing the bugs identified in test phase.
* Writing **JUnit** Test cases for Unit testing in Pension Manager Module.
* Documented test cases document and uploaded it in a common repository for future reference.
* Performed feature unit testing & sanity testing.
* Developed reusable web components, JSP, **Servlets** and **JavaBeans** that use the **MVC** pattern to access **EJB** (Entity Beans) for the modules of user registration.
* Integrated bug fixes managed/maintained code versions in clear case and submitted for build release on a regular basis.
* Integrated the third party application code with the common baseline and released a common label.
* Fixed bugs & panic issues reported during testing phase and tracked them for their closure.
* Documenting **CR** impact analysis and prepared implementation documents.

**Environment:**Java SE, J2EE, Struts, HTML, MS SQL Server 2008, Hibernate, Web Services, EJB, XML, Web Logic Application Server 10, ANT, JUnit, Windows XP.

# Skills

|  |  |
| --- | --- |
| **iOS Applications** | Objective-C, Swift, Cocos2D and Cocoa development for iPhone and iPad devices in XCode Interface builder-UIKit, Cocoa touch, core Data |
| **Software** | Trained in iOS 4, iOS 5, iOS6, iOS7 with XCode 3.0/ 4.0, 5.0, 6.0, 6.1.3, 6.2,6.3 OSX 10.5, 10.6, 10.7, 10.8, ASP.net with Visual Studio 2005/ 2008, Microsoft office suites |
| **Programming Languages** | Objective C, SWIFT, Java, C, C++, Python, SQL, HTML 4 and 5, CSS, JavaScript, JQUERY library |
| **Database** | Oracle 10g, 11g, SQL Server 2008/2010, DB2, SQL, Monod, Parse, Amazon Dynamo DB |
| **Operating Systems** | MAC OS 10.5/10.6/10.7, Windows XP, Windows 7, Windows 8, Linux, UNIX |
| **iOS Applications** | Objective-C, Swift, Cocos2D and Cocoa development for iPhone and iPad devices in XCode Interface builder-UIKit, Cocoa touch, core Data |
| **Software** | Trained in iOS 4, iOS 5, iOS6, iOS7 with XCode 3.0/ 4.0, 5.0, 6.0, 6.1.3, 6.2,6.3 OSX 10.5, 10.6, 10.7, 10.8, ASP.net with Visual Studio 2005/ 2008, Microsoft office suites |
| **Programming Languages** | Objective C, SWIFT, Java, C, C++, Python, SQL, HTML 4 and 5, CSS, JavaScript, JQUERY library |
| **Database** | Oracle 10g, 11g, SQL Server 2008/2010, DB2, SQL, Monod, Parse, Amazon Dynamo DB |

Education

**SRM UNIVERSITY** – B.Tech ( EEE )