**Curriculum Vitae**

**Amit Kumar Gupta, Technical Lead #AppDeveloper**

Summary of Qualifications (Knowledge & Skill Areas)

* 9 years of experience working with iOS and Mac application development.
* Exposure to complete life cycle of software development – Requirements Gathering & Analysis, Design, Implementation, testing and Deployment.
* Experience as a scrum master and also **exposed to Project Management**.
* Smart learner and flexible with adopting new technologies.
* Proficient in Objective C.
* Proficient in Mobile Technology – iOS 1-10
* Proficient in iOS application development – GUI, Network Communication, Multi-threading, Background processing, Multimedia, Push Notifications, Enterprise Deployment.
* Proficient in Client-Server Communication based Applications, SQLite Database based Applications, and integration with SOAP/REST based web-services, integration with third party libraries manually or via Cocoa-Pods.

Tools & Technology Expertise

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| Operating System | iOS, MacOS |
| Programming Skills | Objective-C, Swift |
| Development Tools | X-Code 3.x to X-Code 8.0 |
| SDK | iOS 1- iOS 10 |
| Database | SQLite, Oracle |
| Defect Tracking Tools | JIRA, Radar |
| Source Code Management | Git, CVS, SVN, SourceTree, Gerrit |

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| Project Name | **DoctorsChamber** |
| Company | **Harman** |
| Client | **HealthSquare** |
| Duration | April 2016 – August 2016 |
| Role | Technical Lead |
| Roles performed | 1. Requirement Analysis and Client Interaction regarding queries. 2. Leading the team from offshore. 3. Involved in many project related R&D and learning new frameworks. 4. Task analysis and distribution. Playing role of Scrum Master. |
| Technology used | XCode 7.x, iOS 9-10 |
| Description | An online medical consultation solution based on Android and iOS platform. The user can manage his and his family’s medical consultation needs here. Consultation can be taken online and offline. |

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| Project Name | **Socialcast** |
| Company | **Harman** |
| Client | **VMWare** |
| Duration | December 2015 – February 2016 |
| Role | Technical Lead |
| Roles performed | 1. Requirement Analysis. 2. Writing automated test cases using XCTestCase and OCMock. |
| Technology used | XCode 6.x, iOS 9 |
| Description | Socialcast is an enterprise social networking product from VMWare and is widely used in industry. The product is one stop solution for all types of team / non-team communications. The product is integrated with JIRA and Git. |

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| Project Name | **Liquidlogic** |
| Company | **Harman** |
| Client | **Liquidlogic** |
| Duration | December 2014 – November 2015 |
| Role | Technical Lead / Manager |
| Roles performed | 1. Requirement Analysis and Client Interaction regarding queries. 2. Leading the team from offshore. 3. Involved in many project related R&D and learning new frameworks. 4. Task analysis and distribution. Playing role of Scrum Master. |
| Technology used | XCode 6.x, iOS 9 |
| Description | Liquidlogic is an iPad app for the client with same name. This is a health survey related app and has many challenging requirements. All the data residing on device will be in encrypted form until data is to be displayed on UI. Similarly, few minutes of inactivity or sending app to background needs user re-authentication. |

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| Project Name | **Scoop (Membo)** |
| Company | **Symphony Teleca Corp** |
| Client | **Scoop** |
| Duration | October 2013 – November 2014 |
| Role | Technical Lead |
| Roles performed | 1. Requirement Analysis and doubt clearing with Client. 2. Played role of **Scrum Master** and **Build Release Manager** for the application. 3. Worked on almost all front-end modules. 4. One of the most technically learning project as we implemented many design principles to make project: Scalable, Modular and adaptable to future changes. 5. Research on Twitter and Facebook APIs for iOS. |
| Technology used | XCode 6.x, iOS 7 |
| Description | The project is a Micro campaign application. It uses social media for greater customer reach. |

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| Project Name | **Bank Details and Payslip Enhancement** |
| Company | **Exilant Technologies Limited** |
| Client | **Apple Inc.** |
| Duration | 4 Months |
| Role | System Analyst |
| Roles performed | 1. Requirement Analysis and doubt clearing with Client. 2. Prepared important documents like Engineering Requirement Specification, Detail Level Design. Handled Bug-tracker for tracking queries and client responses over the project requirement. 3. Developed some important modules. Worked on both Cocoa and PL/SQL part. 4. Prepared Entity Relationship Diagram and Explain Plans to audit backend changes in the project. 5. Worked on Project Audit document and got the project passed by Auditor without any serious concerns. 6. Supported iQA, UAT and Pre-release, Release and Post Release activities. |
| Technology used | ISTCF 9.8, XCode 3.2.6, Oracle 10 G, BuildIT |
| Description | Addition of two new fields in Bank Details screen for Russian Employees. Making enhancements in salary payslip of Apple Australia. |

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| Project Name | **Merlin Migration (XCode Migration)** |
| Company | **Exilant Technologies Limited** |
| Client | **Apple Inc.** |
| Duration | 3 Months |
| Role | System Analyst |
| Roles performed | 1. Migration of Merlin code to latest version of MAC and ISTCF. 2. R&D about the many major and minor issues faced during the migration. 3. Worked on Technical team management. Taking daily status, team communication, maintaining different documents and trackers up-to-date. 4. Tracked all the issues and bugs encountered in migration so as to close them fast. |
| Technology used | ISTCF 9.8, XCode 3.2.6, Oracle 10 G, BuildIT |
| Description | This project is about Migration of Merlin Application to latest technology available. The migration included moving all the front end code from ISTCF 9.8 to ISTCF 10.3.x, latest JBoss and making Merlin support latest MAC OS releases. |

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| Project Name | **Global Payroll Management** |
| Company | **Exilant Technologies Limited** |
| Client | **Apple Inc.** |
| Duration | 10 Months |
| Role | System Analyst |
| Roles performed | Worked on ERS, Design Play Back, Screen Painting, Development, Testing, Bug resolution,  Customer Facing (UAT, Cutover), Release and Post release primary + secondary support. Gave my analysis on different areas wherever required. Eg. GAP Analysis, Radar Analysis. Handled the code reconciliation for whole project (front end, back end and server sources) and did it single handed some time. Participated in Release and Change request. |
| Technology used | ISTCF 9.8, XCode 3.2.6, Oracle 10 G, BuildIT |
| Description | The project Global Payroll Management creates a new set of screens/business logic in Merlin for payments/deduction made to Apple Employees. The new modules added will take care of all types of payment/deductions made by Apple, which could not be accommodated into any other functionality like Bonus/Loan/Allowance. |

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| Project Name | **Rail Europe 1.0** |
| Company | **Teleca AB** |
| Client | **RailEurope** |
| Duration | 10 Months |
| Role | Software Engineer |
| Roles performed | 1. Requirement Analysis. 2. Preparation of test cases. 3. Wireframe design of the application. 4. Implementation of modules Tickets, Pricing, Pass Bonuses, FAQs, Station Info. Testing the changes. |
| Technology used in project | iOS 4.0, XCode 4.0, SQLite |
| Description | RailEurope Inc. is US and Canada distributors of transcontinental Euro rail. This app is primarily focused for the same client base to offer the customers of US, Canada and Latin America a handy app to book/enquire about their travel plans. Apart from tickets you have sections where you may get ‘Trip ideas’ based on your location. The USP of the app is its ‘Itinerary’ feature where all our travel plans are listed and in case there is some missing link in the journey, it is automatically suggested by the app. |

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| Project Name | **5StarHotels** |
| Company | **Infobeans Systems Limited** |
| Client | **FiveStarAlliance** |
| Duration | 1 Months |
| Role | Software Engineer |
| Roles performed | End to end design and development of project. This included following parts: -   1. Requirement analysis and client interaction. 2. Project architecture design, development. 3. Unit testing, bug fixing, performance improvement. 4. Submission of App to iTunes App Stores. |
| Technology use | iOS 4.0, XCode, SQLite |
| Description | The client company has an alliance with luxury and super luxury hotels around the world. The project aimed to make an iPhone App to facilitate user to see all the hotel details, browse over them city/region/country/hotel wise or even search their choice of hotels over the Map. The app also has functionality to check hotel availability and book them. |

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| Project Name | **ICC Apps** |
| Company | **Infobeans Systems Limited** |
| Client | **International Code Council** |
| Duration | 1 Months |
| Role | Software Engineer (Lead) |
| Roles performed | 1. Requirement analysis and client interaction. 2. Application user interface design and application architecture design. 3. Project planning including task distribution to team. 4. Documentation of various processes like estimation, Engineering requirement specification. |
| Technology use | iPad, XCode, SQLite |
| Description | The client is a revered name in construction industry and offers standards and other statutory guidelines related to construction methods and materials. The project aims at tapping the new and tech savvy customers by making the offerings of the company available to the customers through iPad. |

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| Project Name | **iPinion** |
| Company | **Infobeans Systems Limited** |
| Duration | 1 Month |
| Role | Software Engineer |
| Roles performed | 1. XML parsing and data structure design. 2. Facebook and Twitter integration with the application. |
| Technology used | iOS 4.0, XCode |
| Description | This iPhone App is a survey app where user may login to see different survey available for him and earn points by giving the survey. |

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| Project Name | **WCSoccer2010** |
| Company | **Infobeans Systems Limited** |
| Client | **Web-E-Studios** |
| Duration | 1 Month |
| Role | Software Engineer |
| Roles performed | 1. Implementation of inApp purchase for the application. 2. Implemented the advertising functionality by using MobiAds. 3. Submission of application to iTunes App Stores |
| Technology used | iOS, XCode, SQLite |
| Description | The application aimed to harness the vast market of soccer fans for the soccer World Cup 2010. The application gave a wide range of information related to the event like match schedule, match venues, playing teams, players. It also provided current match details and all the future matches. |

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| Project Name | **Odyssey Enhancement** |
| Company | **Infosys Technologies Limited** |
| Client | **Apple Inc** |
| Duration | 3 Months |
| Role | Senior Software Engineer |
| Roles performed | 1. Requirement analysis and holding discussions with onsite. 2. Training new/fresh talents in the team and guiding them in their work. 3. Distribution of work to team and sending status mails regarding work progress at offshore. 4. Introduced some key processes like call recording and emphasized componentized coding. 5. Documentation of various processes like estimation, impact analysis. |
| Technology used | MAC OS X 10.5, XCode. |
| Description | The project was to introduce new features in the previously made Odyssey Application so as to make it more usable. New features are added to application that makes it more easily integrated with the former and later system and thus overall integrate the Supply Chain Management of Apple products. |

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| Project Name | **Total Sales Forecast Tool** |
| Company | **Infosys Technologies Limited** |
| Client | **Apple Inc** |
| Duration | 10 Months |
| Role | Senior Software Engineer |
| Roles performed | 1. Requirement analysis and discussion with onsite for requirement clarification. 2. Preparation of screens for the project. 3. Worked on important modules like ‘Push Down’ and ‘iPhone forecasting’ 4. Being working on important modules like ‘iPhone forecasting’, worked on the functional test cases for the project. 5. **Introduced ‘Componentized Test Cases’. This reduced the test case preparation effort for all ‘Supply Chain Integration’ teams by at least 50%.** |
| Technology used | MAC OS, XCode. |
| Description | TSFT means Total Sales Forecasting Tool. The project is to make a forecasting tool for Apple Inc. This tool would be used to forecast the sales data of different products Apple Inc sell across the globe. This is a development project, which includes understanding the business that Apple does and then providing the best possible solution for their requirements. The forecast was done for products like iPod, Apple TV, iMac, MacPro and iPhones. |

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| Project Name | **Clear To Build** |
| Company | **Infosys Technologies Limited** |
| Client | **Apple Inc** |
| Duration | 2 Month |
| Role | Software Engineer |
| Roles performed | 1. Requirement analysis, interface design for the project. 2. Documentation for various phases of the projects, worked as Competency Controller in the team and ensured that the project gets CMM IV at the start itself. 3. Worked on JAVA in the project, ensured the application is flexible and scalable. |
| Technology used | MAC OS, Eclipse. |
| Description | We needed to make an interface for Apple executives to check the current inventory status and thus order for the required finished products or arrange raw material from vendors. This application gave the Apple Inc flexibility to get the current inventory status anytime and thus make production changes according to the changing needs of market.The OEMs were the major gainers from the application as they were the most stretched under the previous system. This system helped them to plan their schedule with ultra low inventory. |

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| Project Name | **Multi Price Validating Tool** |
| Company | **Infosys Technologies Limited** |
| Client | **Apple Inc** |
| Duration | 3 Months |
| Role | Software Engineer |
| Roles performed | Worked also for the unit testing of the project modules and in the process got a clear picture of the working of whole project with every module. In addition learnt much about the testing application with front end user interface. As a support member solved the tickets that came at the user acceptance-testing phase of the project. |
| Technology used | MAC OS, XCode |
| Description | MPVT means Multi Price Validating Tool. It is an application that is used by APPLE executives to decide on the price of different products sold by Apple Inc. The prices could be for any geography; sales channel or product family or it can by based on each of them. The Apple executives in US use this tool to set the price for the products around the world. This tool acts as one of the major integrator of their Supply Chain system. |

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| Project Name | **Infosys Internal iPhone Projects** |
| Company | **Infosys Technologies Limited** |
| Client | **Apple Inc, Infosys** |
| Duration | 15 Months |
| Role | Software Engineer |
| Roles performed | 1. End to end development of project including requirement analysis, design, Project architecture. 2. R&D for the new technology. 3. Unit testing. |
| Technology used | iOS, XCode |
| Description | 1. **iTunes Hourly Report**: There is a desktop report with the same name, which is key report about the sales of different applications and services that are available on ‘Apple iTunes Store’. This report is served to the top-level executives at Apple. The major challenge here was to customize the report for an iPhone without compromising its utility and at the same time make it eloquent and appealing to be proudly presented as an iPhone application. 2. **ISP Report**: This was to cater the Apple executives from U.K. This was in turn similar to previous project as here also we needed to present a report on iPhone. The key challenge there was to fill much content and data in the application without making the application awkward. 3. **TapNTrace**: This first from Infosys to ‘Apple iTunes Stores’ is a gaming application. This was a single player ball game application where gamer needs to speculate the position of ball after knowing its trajectory. |

Professional Experience

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| Harman (Symphony Teleca) | Oct 2013 to Current date |
| Exilant Technologies Ltd | December 2011 to September 2013 |
| Teleca AB | November 2010 to December 2011 |
| Infobeans Systems Pvt. Ltd | May 2010 to October 2010 |
| Infosys Technologies Ltd | July 2007 to April 2010 |

Education

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| **Examination** | **Year of Passing** | **CGPA/Marks (%)** | **Board/University** | **Institution/College/School** |
| **Graduation** | 2007 | 72.76 | Rajiv Gandhi Produyogiki Vishwavidyalaya, Bhopal | Lakshmi Narain College Of Technology, Bhopal |
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| **Class-XII** | 2002 | 70 | MP Board | Gyan Niketan School |
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| **Class-X** | 2000 | 72 | MP Board | Gyan Niketan School |
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