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| VEKARIYA VIVEK R. | E-mail : [vekariya.vivek@gmail.com](mailto:vekariya.vivek@gmail.com) |



**Experience Summery**

* **3+ years** of IT experience (25th july-2011 – till) in Mobile Application design and development.
* Working as a **Software Engineer** in Research and Development Team at **Air-Watch Technologies India Pvt. Ltd – Bangalore (By VMware)**.
* Worked as a Senior Software Engineer in Research and Development Team at **Samsung Research India - Bangalore**.
* Worked as a System Engineer in Product Engineering Team at **Infosys Ltd**.
* Experience in **Design, Development**, **Testing** phases of the Product Development Cycle.
* Having good experience in **Android Development,** HTML, CSS, and JavaScript**.**
* Technical skills with ability to adapt to new situations and technologies quickly.

**Skills**

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| Languages | **JAVA, Android,** C, C++ |
| Web Technologies | **XML**, HTML5, CSS3, JavaScript, Jquery |
| Operating System | **Windows 7, Linux** |
| Tools  Version Control Tool | **Android SDK, Eclipse IDE, Android Tools**  **Git, Perforce** |

**Android Skills**

* **Bluetooth, Wi-Fi, SMS** based communication application
* **SSL(Secure Socket Layer)** based network application
* **Content Provider** and **SQLite** based database application
* **Memory Analysis** of Android Application using **MAT**
* Expertise in **UI development**
* Experience on **Linux** environment for Android
* Worked on **XML parser** and **JSON parser** based **communication** application
* **Android JUnit** Testing
* Having basic idea about building native app for Android (**Android NDK**)
* Experience in monetizing application using **AdMob** APIs
* Having basic idea about HTML5, CSS3, JQuery
* Have active Google Play Developer account
* **Google Play Apps:**

1. **Aarti (**<https://play.google.com/store/apps/details?id=com.vikoo.Aarti>**)**

**50K+** downloads with **4.5/5** Ratings.

**Professional Experience**

* **Air-Watch By VMware – Bangalore** (4th Aug-2013 – till)

1. **Design and Development of Air-watch Secure Browser**

* **Technology:** Android SDK, Eclipse IDE, Android Tools
* **Synopsis:**
* The project includes design and development of browser application.
* Adding new feature and enhancement of Air-watch Browser application.
* Memory analysis and process report using MAT
* **Responsibility:**
* Application Developer
* Analyzing and performance tuning of the application
* **Samsung R&D Institute India – Bangalore(SRI-B) Pvt. Ltd.**, (21st Oct-2013 – till)

1. **Enhancement of Samsung Browser(S-Browser) application in Samsung Galaxy phones**

* **Technology:** Android SDK, Eclipse IDE, Android Tools
* **Synopsis:**
* The project includes adding new feature and enhancement of Browser application in Samsung Galaxy Phones.
* Quick Access and RSS Feature module
* Add-on Implementation
* **Responsibility:**
* Application Developer
* Analyzing and performance tuning of the application
* **Infosys Ltd.**, (25th July-2011 – 25th Sept-2013)

1. **Development of Android application for Home Automation and Home Security**

* **Technology:** Android SDK, Eclipse IDE, Android Tools
* **Synopsis:**
* The project includes development and testing of Home Automation and Home Security application on Android phones.
* The application communicates with security panel through Bluetooth/Wi-Fi/SMS/Mobile Networks.
* The application includes Home Automation feature by managing Lights, Doors and Thermostats of home through android application.
* The application includes Home Security feature by managing Home sensor events through android application.
* **Responsibility:**
* Lead Application Developer
* Analyzing and performance tuning of the application
* Client Communication( **worked at client place**)

1. **Development of Android application for Data Wipe out and checking various functionality of android Phone**

* **Technology:** Android SDK, Eclipse IDE, Android Tools
* **Synopsis:**
* The project includes development and testing of Data wipe out and check various functionality of Android phones.
* The application will wipe out all the user data, format memory card and factory reset the phone using System administration APIs.
* The application checks for Camera, Sound, Bluetooth, and Wi-Fi functionally and gives the report for the same.
* The desktop application pushes the apk file using adb tool to the android device and runs the application on the android device.
* The desktop application establishes the client-server communication with phone using USB apis and generates the real time report for the phone data wipe out and functionality.
* **Responsibility:**
* Application Developer
* Analyzing and performance tuning of the application
* Client Communication
* **Academic Project** (July-10 – Dec-10)

1. **Steganography in Mobile Phones on Multimedia Data**

* **Technology:** Android SDK, Eclipse IDE, Android Tools
* **Synopsis:**
* Steganography is an art of hiding information into multimedia (Image or Video) content without affecting its quality and content.
* Objective of such an approach is to capture the original culprit or the ultimate source that captured the images or videos for wicked purpose by backtracking and also the ones who helped in forwarding of such images or videos and prevent such misuse of camera based mobile phones.
* Application captures IMEI Number and device information hides it into image or video using steganographic technique.
* The same image/video when forwarded to other mobiles using the Bluetooth application will contain the IMEI number of the device that forwarded the image/video.
* The captured image/video can be decoded by decoder application.
* **Responsibility:**
* Development and testing of the Video, Image and Bluetooth application which support steganography on captured Image and video from android device.

**Accomplishments**

* Excellent in documentation of all requirements with 100% Trace ability.
* Delivered the Efficient Code in timely manner & Code Compliant to the coding standards and project specific coding guidelines.
* Testing: Unit/Integration/Feature Test Preparation.

**Personal Credentials**

* Rapidly enhanced source code programs and won commendation from clients.
* Ability and willingness to learn new technology and deliver results in a timely manner.
* Excellent Analytical and Interpersonal skills.

**Other Achievements**

* Research paper presented on “**Steganography in Mobile Phones on Multimedia Data”** at **NUiCONE, 2010** (Nirma University International Conference on Engineering).
* Seminar Presented on **MOBILE TAGGING** at **IEEE**’s event **TECHNODYSSEY’08**.
* Secured **1st position** in “Animation Story telling” in National level Technical Symposium **Colloseum’10**.
* Secured **2nd position** in “**WebDesigno**”, a website development competition, in National level Technical Symposium **Colloseum’10**
* Secured **2nd position** in “**Trozan Horse**(C/C++ Coding) in **TECHNOFORA’09,** A National level Technical Symposium Organized by **IEEE**.

**Educational Qualifications**

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| **No** | **Name of the Institution/University** | **Name of**  **Examination** | **Year of Passing** | **Percentage of Marks** | **Class/Grade** |
| 1 | Institute of Technology, Nirma University, Ahmedabad | B.Tech.  Comp. Eng. | 2011 | 7.58 / 10.0 | First class with Distinction |
| 2 | Krishna Higher Secondery School, Rajkot | 12th Grade | 2007 | 89.40%  (PCM=94%) | Distinction |
| 3 | Shri S. V. Virani high School, Rajkot | 10th Grade | 2005 | 88.57% | Distinction |

**Personal Information**

* **Valid Passport**
* **Valid PAN:** AIWPV0320J
* **Nationality:** Indian
* **Languages:** English, Hindi, Gujarati