**Professional summary:**

* **5 years** of experience in **analysis, design, development, implementation and testing client- server** and **enterprise applications** using **Java and J2EE** technologies.
* Extensive experience in **Android application** development.
* Good understanding in **Android OS**, **interactive application development** and **memory management**.
* Proficient with common Android framework APIs like **(Activities, Intents, Services, Broadcast, Content Providers, Authentication, Location, Camera, Scanner, Notifications, Maps)**
* Developed elegant **user interfaces** with **rich features**.
* Expertise building **Native Android Applications** using (**Android SDK, NDK**) as well as **Hybrid applications** using (**Apache Cordova, PhoneGap**) Platforms.
* Experience in implementing **Native libraries** in application by using **Android NDK**.
* Designed **GUI** and **interfaces** with services for **mobile applications**.
* Experience in working with the latest API's **Android Version 5.0** **(Lollipop)**, **Android Version 6.0 (Marshmallow)**, **Android Version 7.0 (NOUGAT)**, **Android Version 8.0 (OREO).**
* Experience in using **Fragments**, **Activity Framework**, **Flow and Motor Framework**, **Accelerator Framework**, **Action Bar Navigation**, **Menu designs and view controls**, **Loaders**, **Scroll View**, **List View and Recycler Views**.
* Experience working with **MVC (Model View Controller)** and **MVP (Model view Presenter)**, **MVVM (Model view view model)** frameworks patterns.
* Validated **JSON** response as per the given **REST API'S**.
* Also worked with **Gradle wrapper** and dependencies for **Gradle configuration**.
* Experience in using **Storage options** in Android like **Shared Preferences**.
* Designed **GUI and interfaces** with services for **mobile applications**, **Asynchronous Programming in Android** (such as **Thread pool, Async Tasks and Services**).
* Implemented the **monetization** of **apps**, which has capabilities to do **in-app purchases**.
* Good **web designing** and **mobile skills** using **Activities (Android), HTML 5, Java Script, AJAX and XML**.
* Skilled in **developing APIs** for **middle ware Framework modules** for mobile platforms using **C and C++ and Java**.
* Worked extensively in **developing mobile-based and advanced web-based applications** using **Java, Servlets, JSP, Struts, spring, Hibernate, JDBC, UML, HTML, XHTML, JavaScript, JDBC, and Oracle**.
* Experience working with **Google Cast SDK** for **Media framework** and **Live Streaming Playback**
* Proficiency in developing **applications using Struts frame work, spring and hibernate.**
* Worked on **GUI applications** using **Java SWING and AWT**.
* Experience in using **Java Native Interface (JNI)**.
* Expert in **writing client-side validations** using **validation framework, Java Script**.
* Working on implementation of **OMA-DM device management** protocol for **Android devices**.
* Good experience in **Object Oriented Design (OOD)**, **analysis (OOA)**, **modeling (OOM)** based on **Unified Modelling Language (UML)**.
* Worked with **In - app purchases** and **payment gateway integration** using **various API's and SDK's**.
* Good Experience with **ProGuard and DexGuard files**.
* Knowledge in **designing and developing** **adaptive UI components**, **widgets for Android phones**, **tablets using Notifications, Adapters, Content Provider, Services, XML Parsing, SQLite**.
* Experience in using **Storage options in Android like Shared Preferences**.
* Knowledge in **working with audio and video codec's like .3GPP, MPEG-4**.
* Excellent **debugging and problem-solving skills** with **Eclipse, IntelliJIDEA IDEA and RAD**.
* Experience in **various methodologies** like **SDLC, Agile development and Waterfall development**.
* Undertaken full life cycle of Android Application Development which includes **testing** on device and **simulator** as well.
* Experience with **MVC** and **MVP design pattern**.
* Good exposure in **troubleshooting and debugging android applications**.
* Extensive experience in **requirement analysis, functional analysis, excellent conceptual and logical thinking**.
* Excellent working experience with variety of **operating systems like Windows, Linux**.
* Ability to grasp and master **new technologies, excellent analytical and problem-solving skills**.

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| --- | --- |
| **Programming Languages** | C, C++, Core Java J2SE, J2EE, JavaScript |
| **Development Tools (IDE’S)** | Android Studio, Eclipse, Android SDK, Android NDK, Visual Studio, IntelliJ IDEA |
| **Operating System** | Windows8/7/XP/2008Server, LINUX Ubuntu/Mac OS |
| **Web Technologies** | JavaScript, XML, HTML, HTML5, CCS, JSON, GCM, jQuery, REST Web Services. |
| **Database Services** | SQLite, Room, SQL Server, DB2 and MYSQL |
| **Version Control** | GIT (Bit bucket and GitHub), Source tree |
| **Methodologies** | Scrum, Agile, Waterfall, RUP |
| **Others** | Microsoft Visio, Microsoft Project Manager, Apache Ant, Apache Cordova, PhoneGap |

**Skill set:**

**Education:**

* Master of Science from University of Illinois, USA
* Bachelor of Technology from JNTU, Hyderabad, India

**Professional Experience:**

**Client: BCBS Location: Chicago, IL   
Role: Android Application Developer** **June 2018 - Present**  
Google Play Store Link:  
<https://play.google.com/store/apps/details?id=com.hcsc.android.providerfinderil>

**Project Description:**  
The IL Blue Mobile app is from Blue Cross Blue Shield of Illinois (BCBSIL). It is designed to help you use and manage your healthcare insurance and coverage when you're on the go. Whether you're at the doctor's office, at work, or out running errands, the app makes it easier than ever to access your ID Cards, pay your bill (for eligible plans), see your deductible balances, and find Urgent Care Centers. The IL Blue Mobile app is for use by BCBSIL members and members of health plans with the BCBSIL provider network.

**Responsibilities:**

• Involved in the life cycle of the project including **development, testing, re-design and deployment**.  
• Worked in an **Agile software development-based environment**.  
• Extensively used **custom List Views** to **view information on every screen**, and to **keep uniformity of the application**.  
• Implemented **View Flow** for **providing navigation between different screens**.

• Implemented **Notification Manager to display updates on the notification bar**.  
• Implemented **Fragments and Activities**.  
• Worked extensively with **Eclipse, Java and Android SDK frameworks**.

• Used **Async Task for multithreading**.  
• Worked on **linear, frame and relative layouts**.  
• Worked on **toast, Dialog notifications**.  
• Different feed is used for the pictures to fetch the data and populate the gallery with **corresponding content**.  
• Collaborated with the web application development team to ensure proper **integration between mobile application and web interface.**

• Integrated **location-based services using Google Maps API** to display locations of the nearest hospital or urgent health care provider.

• Used **SQLite** to save user **healthcare preferences**, **insurance information** and optional medication history to refine the search. Constructing **http requests, fetching server response** and **parsing feeds** wherever required.  
• Involved in **development** and **enhancements** of features to restrict the usage based on **Authorization and Authentication tokens.**  
• Provided subsequent releases which included **feature changes**, **enhancements** and **bug fixes**.  
• Inserted suitable code to **capture the various button and text field events** and implemented the **desired action** for each of the **widgets**.  
• Used **services, Async tasks** and **Alert Notification API** to implement event reminder feature into the mobile app.  
• Used **Rx Java** to asynchronous and event-based programs by using **observer & subscriber classes**.  
• Involved in **designing** and **implementation** of variety of modules like **'Find Provider'** where you can search every kind of doctor available near to your location.  
• Involved in working with **Location Manager** and **Restful Web service** with **JSON**.  
• Designed the web services to **communicate** with the Android application by using **RESTful web services** with the **Spring API**, and **JSON Parsing** for the received responses.

• Tested the application on various Android devices.

**Environment:** Android SDK 5.1,6.0 Marshmallow Android NDK, C & C++, JDK 1.6, 4.1, C++, SQLite 3.8, REST API, GCM, JSON, Eclipse IDE 3.5, Proguard, Ionic Framework, SQLite, Eclipse IDE, Android API's, RESTFUL Web service, XML, JSON, HTML, CSS, GPS service, Log cat, ADT Plug-in, GIT (version control), DDMS console, ADB server, emulator and Base device .

**Client: General Electrics Location: Chicago, IL**

**Role: Android Developer May 2017 – April 2018**

Google play store link:

<https://play.google.com/store/apps/details?id=com.illusions.generalelectricuniversalremotecontrol>

**Project Description**:

**General Electric Company** (**GE**) is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [conglomerate](https://en.wikipedia.org/wiki/Conglomerate_(company)) incorporated in New York and headquartered in Boston. The company operates through the following segments: [aviation](https://en.wikipedia.org/wiki/GE_Aviation), [healthcare](https://en.wikipedia.org/wiki/GE_Healthcare), [power](https://en.wikipedia.org/wiki/GE_Power), [renewable energy](https://en.wikipedia.org/wiki/GE_Renewable_Energy), [digital industry](https://en.wikipedia.org/wiki/GE_Digital), [additive manufacturing](https://en.wikipedia.org/wiki/Additive_manufacturing), [venture capital and finance](https://en.wikipedia.org/wiki/GE_Capital), [lighting](https://en.wikipedia.org/wiki/GE_Lighting), and [oil and gas](https://en.wikipedia.org/wiki/Baker_Hughes).

**Responsibilities:**  
• Worked in **Agile methodology (Scrum)** for project implementation.  
• Highly involved in **design, implementation** and **testing.**  
• Worked on **OEM applications** which built for **customized Android displays**.  
• Worked with **custom Android system** and **UI framework**.  
• Developed various **application UIs** which support in different custom displays.  
• Worked on **integration of services** using **AIDL** for different applications to display the data from backend.

• Created **triggers** which would send the events to the **back-office** by utilizing **dynamic broadcast receivers**.  
• Used **Retrofit** and **REST services** to establish a secure connection with the back-office and send events in the **form of bundles.**

• Integrated these classes into the **AIDL** and ensured the application sends the events to the back office when bound to a client application.  
• Also, involved in improving the **existing emulator by adding the compact library**, which ensures similar method calls can be made to existing methods across various platforms.  
• Performed **unit tests** at regular intervals to ensure the **application's validity** and **developed a test suite** to help the **testing team** to preform **integration** and **regression testing**.

• Developed custom views by using **custom widget library** for the **UI** of the applications.  
• Developed App screens and its workflow using **Activity** and **Fragments** which has views such as **List View** and **Scroll View.**  
• Worked on **memory optimizations** in different phases of the development.  
• Used **RTC** for **tracking tickets**.  
• Participated in **code reviews** using **Gerrit** with large team.  
• Involved in **testing** of **different applications** to increase the performance.  
• Implemented **JSON parsing** in various applications.

• **Agile methodology** was followed with bi-weekly sprints and regular demos to ensure development was on schedule.  
• **Bitbucket** was used as a **code repository** and **JIRA** was used to **handle stories** and **track issues**. **Jenkins** was used to perform **CI/CD**.  
Environment: Intellij, Java, Jenkins, Tera Term, Git, Bit bucket, Android studio, Junit.

**Client: Zomato Location: Hyderabad, India**

**Role: Android Developer August 2015 – July 2016**

Google play store link:

<https://play.google.com/store/apps/details?id=com.application.zomato>

**Project description:**

Zomato is a local guide for finding just the place to eat, drink, relax, and play. Worked on user interface of the app and made it more transparent for the users and developed a way to filter out the spam reviews.  
  
**Responsibilities:**  
• Planned the **application design** and **database**, and executed **server back end**.  
• Developed the **User Interface layers** for **Activities** and **implemented Fragments** within **User Interface**.  
• **Integrated location based services** using **Google Maps API** to **display locations** of the nearest stores.  
• Used **Implicit Intent Functions** to enable access for the application to use **media**, and other pre-built applications.  
• Used **shared preferences** to store and retrieve persistent key value pairs across user sessions.  
• Inserted suitable code to capture the various **Button** and **Text field events** and implemented the desired action for each of the applications.  
• Designed various **User Interface layouts** using **custom layouts, buttons, dialog boxes** and **Widgets**.  
• Followed **agile technologies** in front-end development life cycle of application.  
• Experience working with remote data via **REST** and **JSON** and **Android SDK.**  
• Used **custom Views** and **Adapters** in various scenarios during project.  
• Registered the **Broadcast Receivers** for the **Android system announcements**.  
• Worked with **Notification Service** to notify the user and automatically **log out** for **security purpose** and **update** the **apps version**.  
• Understood **business requirements** and translated them into **technical requirements**.  
• Implemented all **text** and **image** related operations.  
• Various commitments to **bug settling** and **execution/solidness upgrades** over the application for generation availability.  
• Implemented **JSON** web service calls for server interaction.  
Environment: Android 2.0, 3.0, 4.0 versions, Java, Android SDK, ADT, Notification, Shared Preferences, Fragments, JSON, SQLite, HTML, JavaScript, CSS, Eclipse, XML.

**Client – Atharvana Infotech Pvt ltd Location: Hyderabad, India**

**Role: Java Developer June 2014 – July 2015**

**Project Description:**

The project is a web-based application in which users can register and purchase items. The project also has a warranty module using which the warranty of any item purchased can be checked. Users can also change their personal information.

**Responsibilities:**

* Involved in **gathering requirements** from different **users** and **system specification**.
* Actively participated in **use case designing**, **functional** and **technical documentation**.
* Used **MVC** architecture for developing the application.
* Developed the **presentation layer** using **HTML, JSP, CSS** and **DHTML**.
* Client-side validations are done using **JavaScript**.
* Developed **JSP** **Custom tags** which are required for the presentation layer.
* Created **EJB** to encapsulate the business logic and to represent the model in **MVC Architecture.**
* Involved **use cases, class diagrams, activity diagrams** and **collaboration diagrams** in **UML**.
* Involved in developing **database modelling** and **database schema**.
* Developed the application using **Eclipse IDE**.
* Used **Data Access Object (DAO)** as a layer between the **business logic tier** and the **persistent storage tier**.
* Created **Tables, Views** and **Indexes** on the **Database, Roles** and maintained **Database Users**.
* Configured Spring cache and **Hibernate** cache to avoid unnecessary database access.
* Followed and maintained standards and best practices in **database development**.
* Deployed application on **JBoss** server and used **Maven** as a build tool.
* Developed **Unit test scripts** for every module in the application.

**Environment:** J2EE, HTML, JSP, CSS, DHTML, EJB, JSP Custom Tags, JavaScript, Eclipse, UML, JDBC, JBoss, Maven, Oracle 9i.