Sandeep M
Android Developer - BlueCross BlueShield

Toledo, OH - Email me on Indeed: indeed.com/r/Sandeep-M/b9ac7a5f472c12fb

• Certified Android Developer with Over 7years of IT Experience in Software Development and 4years of Complete Android application Development life cycle (analysis, design, development and testing) experience since SDK version 2.3 (Gingerbread) to 6.0 (Marshmallow)
• Hands on experience in writing the Mobile applications for various mobile device manufactures like, HTC, LG, Motorola, Samsung and platforms such as Android.
• Experienced Mobile / Android Developer who designed and developed consumer application for Android mobile devices with extensive user interface development.
• Proficiency in developing and design of mobile and embedded technologies on mobile platform, Android with SDK version from 2.3 to 4.2 and application development in Android NDK.
• Good understanding in End user requirement analysis, Android OS, interactive application development and full Software Development Life Cycle (SDLC)
• Proficient with common Android Framework API's (Email, Web View, contact manager, Camera, Notifications, Maps)
• Strong working knowledge in Android architecture and experience in Android API's.
• Good experience with object oriented programming, analysis and design patterns.
• Good understanding of memory management and data structures.
• Good understanding of Android SDK, UI Framework and ADT tools.
• Experience with query languages such as SQL and SQLite.
• Experience with using multi-threading technologies such as Handler, AsyncTask, and Thread.
• Experience in using Storage options in Android like Shared Preferences.
• Knowledge in designing and developing adaptive UI components, widget for android phones, tablets using Notifications, Adapters, Content Provider, Services, XML Parsing, SQLite
• Worked extensively with Eclipse, Android Studio, Visual Studio and QT
• Experience of developing android apps for different screen size and resolution.
• Experience of working in mobile teams to design, develop and implement new features.
• Experience of working with test teams to fix bugs, improve performance and validate the design/ implementation.
• Experience in web services using markup languages like JSON and REST.
• Experience with consuming APIs and RESTful web services.
• Experience of working in agile environment involving scrum meetings with UI design, implementation and testing teams.
• Experience with code repositories such as SVN and GIT.
• Experience with code management tools like GitHub, Clear case, Beyond Compare familiar with Android location based services.
• Experience in various methodologies like of SDLC like Agile development and waterfall development.
• Excellent working experience with variety of operating systems like Macintosh, Windows, Ubuntu and Fedora.
• Willingness and ability to learn and adapt to new technologies and languages.

WORK EXPERIENCE

Android Developer
BlueCross BlueShield - Dallas, TX - March 2016 to Present

Link: https://play.google.com/store/apps/details?id=com.hcsc.android.providerfindertx

Description:

BlueCross BlueShield is a big firm in Texas health industry dedicated to meet the needs of members by offering different health insurance choices. Providing an android application is one way to reach mobile users. I contributed for this android app-development at BCBS. This app provides the consumers with available plans, nearest Texas blue centers, Online provider directory, shopping cart, Weather alerts, Free Ringtones and videos, find a doctor nearby and directions to required location in an embedded Google map.

Responsibilities:

• Involved in requirement gathering, UI design and development.

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

• Handling XML data using efficient parsing techniques such as DOM parser

• Used SQLite to save user healthcare preferences, insurance information and optional medication history to refine the search

• Used Android content providers for implementing features like sending E-mails, SMS, etc. from the app and designed GUIs for these applications

• Worked closely with the testing team

• Work closely with the web application development team to ensure proper integration between mobile application and web application. Optimized UI performance by reducing layout overdraws and flattening view hierarchies.

• Used Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.

• Used services, Asynctasks and Alert Notification API to implement event reminder feature into the mobile app.

• 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. Directions where you can navigate to any Texas blue center, doctor, specialist, pharmacy and lab.

• Involved in working with Location Manager and Restful Web service with JSON.

• Tested the application on various Android devices.

• Fixed regressions, resolved errors/exceptions, and troubleshoot unexpected app behavior.

• Used JUnit for writing test cases corresponding each functional use cases.

• Fixed bugs related UI, app functionalities and improved the performance.

• Analyzed the performance and memory usage of applications using ADB tools.

• Provided feedback to business owners about performance and usability issues concerning software specifications and implementation on regular basis.

• Ported the apps from Lollipop framework to Marshmallow.

• Wrote test cases and procedures to ensure that logic and syntax are correct.

• Followed the Agile and Scrum methodologies in the project implementation.

• Effectively managed the code review using continuous integration with GIT.

Environment: Android SDK 2.2, SQLite 3.6, Eclipse IDE 3.5, Android API's, RESTFUL Web service, DOM, Parser, JDK 1.6, XML, JSON, HTML, CSS, GPS service, Log cat, Windows 7, ADT Plug-in, GIT (version control), DDMS console, ADB server, emulator and Base device (G1, HTC EVO)

Android Developer

North Western Mutual   -   Franklin, WI   -   May 2015 to February 2016

Link: https://play.google.com/store/apps/details?id=constituentvoice.nwm

Description: The Northwestern Mutual Delegate Fly-In is your one-stop shop for the resources you'll need to prepare for effective meetings with members of Congress. Meeting schedules and push notifications for meeting updates and Map to meetings with built-in GPS function, Notes section for taking notes about

meetings, reference talking points, and electronically pass along leave-behinds to congressional staff. Documents section to review your organization's specific leave behind materials while you're on the go, Research function to review legislator bios, voting records, news, social media and more the ability to connect via social media capability and secure inter-app communication.

Responsibilities:
• Involved in full life cycle of the application including design, development and testing.
• Used MVC, factory, adapter, builder design pattern to develop the application.
• Developed user interface (UI) for weather update using list view and fragments.
• Developed UI for Twitter feed reader using image viewer and list fragments.
• Used RESTful web services to GET and PUT data from the server with Http client.
• Used JSON parser to populate the list items.
• Used AsyncTask for reading tweets from the server using twitter4j API.
• Used Shared Preferences to save user settings and UI configurations.
• Provided support for multiple screen size on mobile and tablet devices.
• Collaborated with web services team to implement the backend support.
• Tested the application on different android devices and debugged the issues found.
• Worked in agile environment with test driven development and continuous integration.

Environment: Eclipse, Android Studio, Android 2.3-4.4, GenY Motion, Java, XML, JSON, JUnit, OkHttp, Retrofit, GSON, Jenkins CI, JIRA

Android Developer
Solar Turbines - San Diego, CA - January 2014 to April 2015

Link: https://play.google.com/store/apps/details?id=com.cat.solar.ehm.InSight
Description:
Solar Turbines has an application called Insight system which enables to deliver high value equipment health management to its customers. Insight allows to monitor the health of equipment, track service record, acts as an interface between customer and company. It allows user to browse through, to purchase and monitor the equipment.
Responsibilities:
• Worked closely with UI design team to ensure proper translation of design requirements.
• Used different UI elements, adapted the application for different screen size devices.
• Implemented fragments, custom views and adapter for displaying equipment details.
• Implemented XML pull parser to retrieve data from XML feeds
• Implemented SQLite database to store user profile and parsed XML data.
• Implemented multithreading for updating user data.
• Supported to design and develop user feedback form.
• Created test cases and test data for testing the application using JUnit.
• Performed Unit testing on the various modules to ensure the basic test coverage.
• Used JIRA for new requirements, issues, bug tracking and project planning.
• Tested the app in different devices to assure quality and performance.
• Participated on the decision-making process for selecting the appropriate technologies for the project based on requirements and the user's needs.
• Dalvik Debug Monitor Server (DDMS) for debugging and testing
• Used agile process, peer programming, and implemented tasks within the planned sprints.
Environment: Eclipse IDE, ADT plugin, Android SDK 2.3, Java, XML, SQLite, JIRA, GIT, JUnit, JIRA.

Android Developer
HIGHBROW Interactive - Chennai, Tamil Nadu - May 2011 to December 2013

Link: https://play.google.com/store/apps/details?id=com.HighbrowInteractive.IndianTrainSim
Description: Indian Train Simulator is the highly-anticipated train simulation game from the stable of Highbrow Interactive, the creators of the mega-successful "Euro Train Simulator". The game boasts a self-sufficient railroad environment where all trains coexist and operate just like in the real world. Dynamic track-changing and sophisticated path selection systems enable all the AI trains to function smartly without stepping on each other's' paths.
Responsibilities:
• Involved in the full life cycle of the project including planning, designing, development, testing and deployment.
• Involved in requirement gathering and designing of the application.
• Responsible for consuming the REST services, getting JSON response and parsing them to get the required information.
• Integrated location based services using Google Maps API to display locations of the nearest stores.
• Implemented unique design for portrait and landscape mode.
• Implemented SQLite databases to monitor shipments.
• Implemented customized web view component to load an SWF file and HTML data.
• Handling XML data using efficient parsing techniques such as DOM parser.
• Work closely with the web application development team to ensure proper integration between mobile application and web application.
• Tested the application on various Android devices.
• Used Android content providers for implementing features like sending E-mails, SMS, etc., from the app and designed suitable GUI for these applications.
• Used services, Asynchronous tasks and Alert Notification API to implement event reminder feature into the mobile app.
Environment: Android SDK 2.2, Eclipse IDE 3.5, Java, XMLs and Base device (G1, HTC EVO)

Android Developer
IndianBooks.co   -   Delhi, Delhi - May 2009 to April 2011

Link: https://play.google.com/store/apps/details?id=in.co.indianbooks
Description: This application focuses Shopping for books in mobile environment. The application provides interactive way of reading about books, buying and sharing books. It has a wide variety of selections like new releases, best sellers, sports and entertainment. Integrated PayPal API for payment online.
Responsibilities:
• Implemented complex custom layout design for Books application.
• Responsible for integrating Lessons from the Internal Server and made application flexible to update changes at any point of time.
• Implemented application to handle orientations and support different screen sizes.
• Developed Web Pages using XML, 9 patch and integrated them in Books application.
• Handled restful web services consumption for fetching content from the Internal Webserver
• Integrated Facebook feature for easy sign on.
• Integrated Google Map kit for enabling the locations.
• Used subversion as version control.
• Used JUnit for Testing the App.
• Used PayPal API for payment method.

Environment: Android SDK 1.6, Java SDK 1.6, SQLite, Eclipse IDE, ADT Plugin.

EDUCATION

Bachelor of Technology in Technology
JNTU - Hyderabad, Andhra Pradesh

SKILLS

Windows (2000/XP Professional, Windows 8, Windows 10), Ubuntu, Mac Pro, Fedora, Macintosh. Handler, AsyncTask, and Thread. HTML5 and XML 1.0, JSON, REST. SDK 2.x, 3.x, 4.0,4.2 Android, API – Activities, List Views, Adapters, SQLite, Horizontal scrolling, Notification Manager, Contact Content Provider, Map, HTTP Client. Eclipse IDE, ADT plugin, Android SDK 2.3, Java, XML, SQLite, GIT. Eclipse 3.x, Android Studio, Microsoft Visio 2007. Application Servers : IBM WebSphere Application Server v7.0 Web servers : Apache Tom cat 5.5 (7 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS:
Operating System Windows (2000/XP Professional, Windows 8, Windows 10), Ubuntu, Mac Pro, Fedora, Macintosh.
Multi-threading technologies Handler, AsyncTask, and Thread.
Mark up language HTML5 and XML 1.0, JSON, REST.
Android App
Mobile Development

SDK 2.x, 3.x, 4.0, 4.2 Android, API - Activities, List Views, Adapters, SQLite, Horizontal scrolling, Notification Manager, Contact Content Provider, Map, HTTP Client. Eclipse IDE, ADT plugin, Android SDK 2.3, Java, XML, SQLite, GIT.

IDE Eclipse 3.x, Android Studio, Microsoft Visio 2007.
Servers Application Servers: IBM WebSphere Application Server v7.0 Web servers: Apache Tom cat 5.5