

hemanth android

Android Developer - Harman International

Novi, MI - Email me on Indeed: [indeed.com/r/hemanth-android/8161258e9ecaefd2](https://www.indeed.com/r/hemanth-android/8161258e9ecaefd2)

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Android Developer

Harman International - Novi, MI - February 2017 to Present

Description:

HARMAN designs and engineers connected products and solutions for automakers, consumers, and enterprises worldwide, including connected car systems and connected services. Project Freedom is a personalized Home Launcher application designed for car infotainment system is a complete range of connected safety offerings that help drivers keep their eyes on the road and hands on the wheel and is being developed on Android platform.

Responsibilities:

- Worked with Android Studio and the latest Android SDK.
- Worked on UI design and designed layouts for various screens.
- Worked with UX designers to improve and implement the proper view component.
- Worked on integration of third party API's like Microsoft Cortana and AHA radio into the application.
- Worked on integration of Telenav SDK for navigation using this application.
- Used Microsoft Cortana Api's as personal assistant application to interact with the HMI based on speech to text and text to speech concepts.
- Responsible for design of UI using various custom layouts, buttons and different form of widgets.
- For displaying background images of the app used Frame Layout.
- Involved in implementing Asynchronous tasks for the background operations.
- Developed the app to adapt to different orientations and various resolutions based on the device.
- Implemented the functionalities behind the UI screens using Fragment concepts.
- Worked on android vector asset studio to convert to SVG files.
- Accessed external databases for our application by using JSON for web service calls.
- Implemented Services to communicate with the Server, consumed the JSON payload and populated into UI views.
- For ensuring best UI performances we used Asynchronous tasks for handling long term operations.
- Used Material design using Card View, Recycle View and classic principles of good design.
- Got rid of out of memory exceptions with the help of LeakCanary library.
- Object Oriented Programming (OOPS) Concepts were immensely used for modeling.
- Used GIT for code repository and maintaining current and historical versions of the source code.
- Worked on debugging the application using adb Logcat.
- Test and error logging on different versions and devices of android.
- Worked with efficient and effective utilization of SDLC methodologies for iterative/agile environment.
- Collaborated with the team members for testing the application on different target devices and also debugged the issues using Android provided tools like Trace view and view hierarchy from DDMS for optimization purposes.
- Actively involved in meetings and team building events.

Environment: Android SDK 7.0,Android Studio2.2,Java,Json,XML,Logcat,DDMS,Multithreading,Git.

Sr. Android Developer

Lowes - Mooresville, NC - January 2016 to January 2017

Link: <https://play.google.com/store/apps/details?id=com.lowes.android&hl=en> Description:

Lowe's Inc mobile application is a generic m-commerce application, helps user to shop online in various categories and helps the users to find their appropriate product. This application has a smart search, used to add product on their shopping cart and quick list. User can pay bill from their android devices and they can find the nearest store location based on their current position, they can also find the product location within the store.

Responsibilities:

- Worked with Android Studio and the latest Android SDK in developing an enterprise level mobile application.
- Worked with HTTP requests, JSON and GSON formatting to parse the data.
- Design screens using MVC pattern for the application with Android Studio IDE.
- Worked with GCM in implementing the PUSH notifications.
- Utilize experience scaling systems and cloud technology to support services in the mobile environment.
- Used Material design using Card View, Recycle View and classic principles of good design with innovation.
- Consumed Web Services (RESTFUL) from third party for send the emails in bulk. This service is used to send the emails to the customers in bulk as a part of Batch process.
- Worked on different third party libraries like, butterknife for dependency injection, volley and retrofit networking library, picasso to download images.
- Worked on UI related features such as Action Bar, Dialogs, Toasts.
- Involved in understanding the interactions of all phases of application development life cycle.
- Implementing Broadcast Receivers for Android.
- Implemented UI/UX layouts for home screen.
- Used array adapters for different kind of layouts.
- Implemented layouts for List View, Image View and Scroll Views.
- Created views for Date & Time pickers, List view adapters and image buttons.
- Involved in designing of Flash banner for both tablet and phone versions.
- Used SQLite database to store all the Data.
- Used Intents to capture and upload images in Android Studio
- Worked on Android Marshmallow runtime permission.
- Used Third party JAVA API for barcode generators and scanner.
- Used GIT for version control of code for distributed revision control.
- Followed a complete AGILE methodology with Daily Stand up calls with the offshore team every day and updating on JIRA.
- Extensively used Agile Methodologies.
- Actively involved in meetings and team building events.

Environment: Android SDK 6.0, Android Studio 2.0, GSON, REST Web Services, Java, SQLite, JSON, XML, DDMS, Logcat, JIRA, GIT, Jenkins.

Android Developer

BCBSNC - Durham, NC - November 2014 to December 2015

Link: <https://play.google.com/store/apps/details?id=com.bcbnsnc.healthnav>

Description:

Blue Connect Mobile and Student Blue Connect Mobile helps you connect with personalized dashboard that helps to take control of your health care. It is easier to get the health plan information, find a doctor or emergency care center or Blue Cross and Blue Shield provider on the go anytime anywhere.

Responsibilities:

- Creating skeleton application UI & implementing fragments using Android SDK.

- Client Server Communication using REST API, JSON parsing to retrieve data from database.
- Worked on MVC patterns for the app.
- Strictly follow Activity Life Cycle with keep in mind Process Service Life Cycle.
- Implemented Notification, Shared Preferences.
- Creating Intents (explicit, implicit), Multi-threading.
- Creating Linear, Relative and Table layout.
- Consuming RESTful web services using JAX-RS with Jersey.
- Used the Bluetooth APIs to connect and communicate with another Android Mobile.
- Implementing Surface view, Date picker, Time picker.
- Defining elements like Gallery, Gridview, Listview, Tabwidget, and Webview.
- Dealt with Map Activity, Itemized Overlay, Map Controller, Location Manager, Location Listener.
- Used Github for version control.
- Participated in large production environments building enterprise class software development following Agile Processes.
- Performed Code analysis and review, requirements gathering and analysis, and software risk analysis
- Used AsyncTask, Handler, Threads, Service, and IntentService in order to implement multi-threaded applications.
- Implemented SQLite database, Shared Preferences in application data management.

Environment: JAVA, Eclipse3.6 (Helios), 4.3(Keppler), Android 4.2, 4.3(Jelly Bean) and Android 4.4 (Kit Kat), Kernel, SQLite, JDO, Google App Engine Java SDK,XML, GPU, ADT.

Android Developer

Verizon - Dallas, TX - November 2012 to October 2014

Link: <https://play.google.com/store/apps/details?id=com.vzw.hss.myverizon>

Description:

The My Verizon Mobile app enhances your store shopping experience. Save time by taking control of your wireless account with the My Verizon Mobile App. Use the My Verizon Mobile app to get instant account information and manage your services from your Smartphone and Tablet.

Responsibilities:

- Designed and Implemented Views and Layouts for User Interaction.
- Developed the UI layers for Activities and implemented Fragments within UI.
- Used Multi-threading to implement parallel processing.
- Worked in Agile environment and participate in different phases of the project cycle like design and development.
- REST web service interaction utilizing OAUTH authentication and JSON.
- Implemented OAuth along with JWT tokens using Firebase for secure authentication and communication.
- Implemented Web API to use OAuth2.0 with JWT (JSON Web Tokens) to secure the Web API Service Layer.
- Extensively tested alpha releases with JUNIT 3.
- Worked closely with another mobile app developer, leading the other platform development.
- Used Android SDK 4.3 (Software Development Kit), Eclipse IDE (Integrated Development Environment), Dalvik Debug Monitor Server, Android Virtual Device, and Android Debug Bridge for development and debugging tool.
- Tested the application on different android target devices and also debugged the issues using android provided tools like Traceview and view hierarchy from DDMS for optimization purposes.
- Worked with PHP, MySQL and SQLite.
- Used design pattern like singleton and adapter.
- Used version control SVN and GIT.
- Programmed using JavaScript for web page validations.

- Integrated location based services using Google Maps API to display locations of the nearest stores.
- Involved in writing application logic in Eclipse using ADT plug-in for Android.
- Experience in understanding the scripts written using XML.
- Worked on debugging the application using Log cat, DDMS.

Environment: Android SDK 4.3, Java 1.6,JWT, SQLite 3.0, Eclipse IDE 3.6, ADT Plugin, SVN, GIT, REST, Google Maps API.

Android Developer

Athena Technologies - Hyderabad, ANDHRA PRADESH, IN - March 2011 to October 2012

Link: https://play.google.com/store/apps/details?id=com.platys.learnect_mobile&hl=en Description:

It is an e-learning with social networking project for students and teachers. Using this users can read the e-books, do the assessment, make a friends, join the communities, share the images and videos, record a lecture, send the messages and lot more.

Responsibilities:

- Actively participated in information gathering and creating a storyboard for the entire application and generating wireframes.
- Delivered a proof of concept prototype to the client for the initial application design along with other team members
- Contributed to the UI design and flow of the application using Buttons, edit boxes, check boxes, dialog boxes and spinners for various layouts
- Displayed data in a structured way by using the web services (RESTful) to retrieve data in JSON format
- Implemented SQLite database to keep track of user choices and display locations based on user preferences.
- Used SVN as the version control tool for developing the project.
- Performed Manual, Functional, Integration and User Acceptance testing.
- Testing of the application in Android Emulator and few Android based mobile phones.
- Developed Custom Application Widgets.
- Implemented the Google maps with forward and reverse geo-coding.
- Used custom List Fragment using a subclasses Base Adapter for styled List View items, tying items to another fragment by passing index values from click listeners.

Environment: Android SDK, Eclipse, Java, SQLite, JSON, Google Maps, SVN.

Java Developer

Infotech Technologies - Hyderabad, ANDHRA PRADESH, IN - June 2009 to February 2011

Description:

Enterprise data integration project helps to see a holistic view of the corporate risk, exposure, clients, anti-money laundering activities, assets, etc. Daily, weekly and monthly views supporting various enterprise needs were delivered.

Responsibilities:

- Involved in development of Order Management, Product Management and pricing modules.
- Participated in system design and prepared UML diagrams and Class diagrams for DTO objects and actions.
- Designed and developed Hibernate Mapping files and configuring hibernate.
- Configured and maintained the Spring Application Framework's IOC container.
- Spring Application Context was used to inject the core java pojos into application.
- Generating Hibernate mapping files and domains using tables.
- Implemented the MVC architecture using Struts framework.
- IBM MQ Series is used as JMS Server.
- Creating the message from the uploaded information and transaction data and sending this information using SOAP.

- Storing the SOAP messages received in the JMS Queue of WebSphereMQ (MQ Series).
- Listening the WebSphereMQ through message driven beans and processing the queue messages.
- Developed custom JSP tags for Pricing, Order Management, Product Management modules.
- Wrote script for AJAX implementations in the website.
- Performed XML Transformations from value objects to XML and from xml to HTML data.
- Designed and developed views, controller and model components implementing Struts Framework.
- Used CVS as version controller.
- Performed unit testing using Junit.
- Developed the Logging framework using log4j.
- Implemented Design patterns for recurring problems.
- Developed Web Services, which are published on to the Websphere application server.

Environment: J2EE, Java/JDK, JSP, Servlets, Spring, JavaBeans, Hibernate, Struts, AJAX, XML, DOM, HTML/DHTML, JavaScript, Oracle 10g, WebSphere, SOAP, UNIX, RAD, WIN CVS,JUnit, log4j.

EDUCATION

Technology

JNTU University - Hyderabad, ANDHRA PRADESH, IN

SKILLS

Android (6 years), Android SDK. (6 years), Java (8 years), JSON (6 years), XML (6 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS

Technologies Android SDK, NDK,J2EE, Springs 2.0.x/2.5x,Hibernate, MFC, ATL, STL, Web Services, JavaBeans, Java script, JSP,Eclipse.

Build Tool Ant, Maven, Gradle.

Servers JBOSS, Apache Tomcat, Web logic, Web Sphere.

CI tools Jenkins.

SCM Tools SVN and GIT

Web Technologies HTML5, JavaScript, CSS, XML,UML,Weblogic6

Operating Systems Windows XP/Vista/7, Linux, Android, Mac OS, Windows (2000/XP Professional, Windows 7, Windows 8), Ubuntu, Fedora, Macintosh.

Framework STRUTS, spring, Junit, AJAX, JDK.

Database System Mysql, Sqlite, Oracle, DB2.

Others Amazon Web Services (AWS), jQuery, JSON, REST-full Web services, SOAP