Gayatri G
Android Developer

Hoffman Estates, IL - Email me on Indeed:

• Over 7+ 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.
• Experienced in all phases of SDLC including Design, Documentation, Implementation, and Testing with good experience with Agile, Waterfall and Iterative development methodologies.
• Proficient with common Android Framework API's (Location, Camera, Notifications, Maps).
• Experience in implementing native libraries in application by using Android SDK and Android NDK.
• Experience in using Fragments, Activity workflow, Action Bar Navigation, Menu designs, custom views, and Loaders.
• Designed GUI and interfaces with services for mobile applications, Asynchronous Programming in Android (such as Thread pool, Tasks and services). Implemented the monetization of apps, which has capabilities to do in-app purchases.
• Good mobile and web design skills using android, Kony, HTML 5, Java Script and XML.
• Good experience in Object Oriented Design (OOD), analysis (OOA), modeling (OOM) based on Unified Modeling Language (UML).
• Worked extensively in developing mobile-based and advanced web-based applications using Java, Servlets, JDBC, UML, HTML, XHTML, JavaScript, HTML5, Kony, AngularJS, JDBC, and Oracle.
• Worked on with AndroidAPI's (SMS, Content Provider, Google Maps, API SQLite, and Web View).
• Worked on GUI applications using Java SWING and AWT, Java Native Interface (JNI).
• Experience with source code control management like subversion (SVN) and GIT, good at using the markup languages like JSON and REST.
• Expert in writing client side validations using validation framework, Java Script and usage of Shared preferences.
• Knowledge in working with audio and video codec's like .3GPP, MPEG-4.
• Experienced in programming skills in Java including Plug-in Architecture, HTML, CSS and XML.
• Designing and implementation of User Interfaces and Navigation elements.
• Experience mobile security, user-interface.
• Excellent debugging and problem-solving skills with Eclipse, IntelliJIDEA, IDEA, Android Studio and RAD.
• Experience in various methodologies like of SDLC like Agile development and waterfall development.
• Experienced in developing apps involving RSS feeds.
• Extensive experience in requirement analysis, functional analysis, excellent conceptual and logical thinking.
• Experience in performance optimization of Android applications and exposure to tools such as Trace View, Lint, and Hierarchy Viewer.
Willing to relocate: Anywhere

WORK EXPERIENCE

Android Developer
Sears Holdings Corporation   -   Hoffman Estates, IL - November 2016 to Present

Project Name: - Shop Your Way

App Link:https://play.google.com/store/apps/details?id=com.sears.shopyourway&hl=en

Description: Sears and Kmart are m-commerce applications that provide a fast, easy and a convenient way to shop a variety of products from a mobile device. They provide a fun ecommerce experience where users can manage their online accounts, find help from a personal shopper, manage their shopping cart, track the status of their orders, find local ads, deals and nearest store locations for store pickup etc.

Responsibilities:
* Participated in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing, deployment and enhancement of the code.
* Played a key role in writing application logic using Eclipse Android Studio.
* Designed complex User Interface screens using views and widgets.
* Used fragments to build small re-usable pieces that are easier to manage and allow for a more fluid visual design and also can adapt to tablet and phone resolutions.
* Implemented sorting options for search items based on categories (Relevance, Price, and Rating).
* Enhanced search functionality by adding auto fills and search history features.
* Implemented item level and order level savings break down options, user will able to view their discounts and savings for items they are purchasing.
* Created a local database using SQLite to store and retrieve the data (generally for the recently browsed products).
* Used shared preferences to store and retrieve persistent key value pairs across user sessions.
* Redesigned the cart checkout process with enhancements such as the accordion-style interface that acts as guide to complete user purchase.
* Enhanced the store pickup, shipping and delivery features to improve the process of checking in-store availability and online purchasing through apps.
* Used subversion for branching and merging new features without disrupting mainline development on trunk.
* Created a pop-up notification for alerting users of items that might still be in their cart (up on closing the app).
* At order completion, provided capability for guest users to create their online profile using info provided during the guest checkout flow.
* Involved in debugging and porting the application on various mobiles.
* Implemented Fragments in Activities.

Environment: Android Studio, AndroidSDK, ADT-Plug-in, Eclipse IDE, Java, SQLite, Subversion, XML.

Android Developer

Capital One - Richmond, VA - March 2016 to October 2016

Link: https://play.google.com/store/search?q=capital%20one&hl=en

Project Description: In corporate new functionalities to modify existing banking application which supported Customer/Account relationship, Loan Account profile, Transaction and Account Management and Funds Transfer functions. Customer can perform operations on all their account types. The customer by selecting each account can pay bills for respective account and transfer funds from one account to another account.

Responsibilities
• Participated in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing,
• Deployment and enhancement of the code.
• Analyzed the project features, designed the application architecture and database, and implemented server back end.
• Developed Application using STRUTS Framework based on Model 2 Architecture.
• Developed Action Classes, Forms, Action Servlet as per the Struts Framework.

• Extensively utilized AsyncTask, Thread, handler, services to provide smooth UI experience.
• Implemented auto-sync feature to allow users use the app completely offline and to synchronize the app data with the • Cloud when the network becomes available.
• Participated in designing the app architecture.
• Implemented handling user account data in C++.
• Participated in constructing the specification documents including Unified Modeling Language diagrams
• Use Cases, System Features, Data Flow Diagram, and Class Diagram, Functional and Non-Functional Requirements.
• Participated in constructing automated unit testing, performing usability testing on UI, ad hoc testing based on test and fault models.
• Developed user-friendly user-interfaces using widgets like Menus, Dialogs, Different Layouts, Buttons, Edit boxes and • Selection widgets like List View and Scroll View as per client need.
• Used GPS provider to quickly find location and navigates the directions to the nearest bank or ATM.
• Integrated Support Library to make the app compatible from API 1.6 up to 4.0.4
• Implemented Notification Manager to display updates on the notification bar.
• Design screens using MVC pattern for the application with Android Studio IDE.
• Provided assistance and feedback on login design and implementation.
• Download and upload content from back end web server via REST API.
• Integrated with web service and mobile device to share information with each other.
• Integrated with different Android versions.
• Used Apache Subversion (SVN) for version control.
• Played a key role in writing application logic using Eclipse IDE and Android SDK.
• Implemented XML service to parse user's data coming from server.
• Developed App screens and its workflow using Activity and Fragments, which has views such as List View and Scroll View.
• Used adb log cat, DDMS for Debugging.
• Debugged and tested the application on different android devices.
• Proficient in creating test data for Business users, Personal users, Commercial users etc.
• Designed Effort estimation of the team.

Environment: Android Studio , Android SDK, Android DDMS, adb command, Android Studio, Java web service, HTML5, CSS3, XML, Windows and MS SQL server, Rest API, DDMS, Logcat, PHP, SVN.

Android Developer/Kony Developer

Best Buy   -   Minneapolis, MN   -   January 2015 to December 2015

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

Responsibilities:
• Designed the User Interface with navigation bar, view pager.
• Making the Restful Service Calls using Google's Volley Library at the various stages in the app development cycle and parsing the responses back from the web servers according to the application requirement.
• Integrated the QR Code scanning library in to the application for the scanning.
• Responsible for adding the Reader API, this allows reading the payment card data.
• Worked with Google Maps AndroidAPI V2 to display the AIL locations with markers using Geocoder.
• Responsible for analyzing the requirements of application, testing, stage, deployment, production maintenance.
• Responsible for storing the Payment code within the app using the Shared Preferences in SQLite database.
• Registered the Broadcast Receivers for the android system announcements.
• Designed the Custom Action bar, Custom Progress bar while making service calls.

• Implemented capturing the screenshot of the payment screen, Bitmap to pdf conversion features using Android NDK implementing C/C++ code.
• Implemented the mail feature of sending mail with billing information as an attachment.
• Worked with Application Activity Lifecycle callbacks for providing the security and showing the login screen when the app goes to background.
• Responsible for adding the update module for checking the latest version of app.
• Extensively worked on designing the layouts to be compatible with multiple screen sizes.
• Worked on testing the application using J-UNIT testing framework.
• Responsible for testing the application in stage, code review fixing the bugs and providing post-production support.

Environment: Kony Studio , Android Studio, windows 7, Google Maps API V2, Java, JDK, Google Volley, NDK, JUNIT, XML, JSON

Android/Kony Developer
Accenture - TMB - January 2012 to December 2014

Responsibilities:
* Worked as a developer in creating UI for few screens and also service integration for these screens using JavaScript.
* Worked as a developer in this project in developing UI for few screens and also service integration for these screens.
* Developed Java Services and integrated web services in the application.
* Worked on Performance and Security implementation across the application.
* Responsible for design, coding, defects tracking, change request tracking, security, performance and zero defect delivery to the client of the owned modules.
* Implemented composite services for various modules across applications.
* Deployed the applications on WebSphere.
* Worked on rich client Applications (Android and IOS), Desktop web applications as well as thin client applications (SPA).
* Developed few reusable components like Date Slider which were used in the application and also received a certificate of appreciation for the same.
* Worked on supporting the application for older versions of ie.
* Worked on converting xml document to pdf using xslt.
* Worked on dynamic widget creation.
* Developed Proof of Concept for Active Directory Authentication and Authorization to check the feasibility of requirement.
Environment: Android SDK, Kony Studio, ADT Tools, eclipse IDE , IBM Websphere , Android DDMS, adb command, Java web service, HTML5, CSS3, XML, Windows and MS SQL server, Rest API, DDMS, Logcat, PHP, SVN.

Java Developer
Covantech - Hyderabad, ANDHRA PRADESH, IN - February 2010 to December 2011

Responsibilities:
• Participated in the requirement analysis and design of the application using UML/Rational Rose and Agile methodology.
• Involved in developed the application using Core Java, J2EE and JSP's.
• Worked to develop this Web based application entitled EMR in J2EE framework which uses Hibernate for persistence, spring for Dependency Injection and Junit for testing.
• Used JSP to develop the front-end screens of the application.

• Designed and developed several SQL Scripts, Stored Procedures, Packages and Triggers for the Database.
• Used Indexing techniques in the database procedures to obtain search results.
• Involved in development of Web Service client to get client details from third party agencies.
• Developed nightly batch jobs which involved interfacing with external third party state agencies.
• Test scripts for performance and accessibility testing of the application are developed.
• Responsible for deploying the application in client UAT environment.
• Prepared installation documents of the software, including Program Installation Guide and Installation verification Document.
• Involved in different types of testing like Unit, System, Integration testing etc. is carried out during the testing phase.
• Provided production support to maintain the application.

Environment: Java 1.5, J2EE 1.4, jsp, Spring Framework 2.0, Hibernate 3.0, Oracle 10g, My Eclipse 6.5.1, Subversion, Oracle 9i, PL/SQL, WebSphere 6.1.0, UML, Toad, Windows.

EDUCATION

Bachelor of Computer Science in Computer Science
JNTU

SKILLS

JAVA (7 years), SQL (5 years), ANDROID (5 years), XML (5 years), WEBSPHERE (4 years)

ADDITIONAL INFORMATION

TECHNICAL SKILLS
Technologies Java JDK […] (JSP 1.2/2.0, Servlets 2.3/2.4, EJB 2.0), Android Studio 2.3, Spring 2.1, Spring 3.0, JDBC 3.0, JavaScript 1.8.x,CSS3
Android App
Mobile Development

SDK 2.x, 3.x, […] 5,6 API - Activities, List Views, Adapters, SQLite, Horizontal scrolling, Notification Manager, Contact Content Provider, DDMS, Location, Map, HTTP Client, JSON based Web Services, Camera API, Face book API.

Debugging and Testing Tools JUnit, DDMS, Log cat
Markup Languages HTML 4.0.1, HTML5 and XML 1.0.
Application Servers JBoss […] Tomcat […] IBM WebSphere
IDE Eclipse 3.x, Net Beans 5.x/6.x/7.x, […] Oracle J Developer 10g/11g, Microsoft Visio 2007.
Data bases SQLite 3.6, Oracle 9i/10g, MySQL […] MS-SQL Server […]
OS Windows (2000/XP Professional, Windows 7, Windows 8), Ubuntu, Fedora, Macintosh