**Prasad Chouty**

**Senior Android developer**

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**PROFESSIONAL SUMMARY:**

* Around **7.5+ years** of extensive experience in Software Development Life Cycle (**SDLC**).
* Enthusiastic Android Professional with **5.5+ years of experience in Android Application Development** and **3 years** of experience in **Java Server Application Development.**
* Design application architecture and flow & time estimation
* Coordination with **BA** and Product team
* Coordination with **QA** team, **Debugging** and **Bug fixing.**
* Application **Deployment**.
* Expertise in using **GitHub** and third party libraries.
* Expertise in developing applications for Android Operating System using **Eclipse IDE**, **SQLite**,**Android SDK** and **ADT plug-in.**
* Code review & code clean-up.
* Experience in Android **UI Toolkit** and Layout Managers.
* Solid background in Object-Oriented Analysis and Design **(OOAD)**. Good command over **Core JAVA**.
* Familiar in Android **Multimedia** framework.
* Worked with **Android Studio** IDE and **Gradle** build system.
* Expertise using Web services using **REST** API and **JSON** parsing.
* Expertise in developing Apps using SQLite, Java, XML, **JSON**, Google Play Services **API, RESTFul** Api's, **SQLCipher** and **Proguard**
* Deployed, configuring and administering middle-tier using **J2EE Application Servers like Apache Tomcat.**
* Strong front-end UI development skills using scripting languages like **JSP, HTML, JavaScript, JQuery and CSS**.
* Designed and involved with **Google Maps** Android API V2 to display the all locations.
* Hands-on experience in using **Fragments**, **Activity workflow**, **Action Bar Navigation**, Menu designs, view controlsand Loaders in android.
* Experience in **Media handling** using **Video player** in Android.
* Worked on **Agile**, **Waterfall** and **Scrum** Methodologies.
* Worked on **Agile**, **RAD** and **Test Driven Development(TDD)** environment
* Implemented User Interface using **Model View Controller (MVC).**
* Analyzed Applications & Layouts with Tracer view tool and Hierarchy tool respectively
* Exposure to interaction between various devices and different versions of **Android.**
* Used various Java and **J2EE APIs** including XML, **Servlets**, **JSPand JavaBeans**.
* Good understanding of design patterns and many other open source frameworks.
* Experience interfacing with **Stakeholders, System Analysts, Senior Management** with excellent **Communication** and **Interpersonal skills.**

**Technical Skills:**

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| --- | --- |
| Android App Dev Tools | Android SDK 2.3-6.0, Gradle,adb, Hierarchy Viewer, MAT, Logcat, PNG to 9 Patch, Built in Developer Options in device (Overdraw, Profiling etc.) |
| IDE | Android Studio, Eclipse ADT, Eclipse for J2EE, NetBeans |
| Web service Integration Technologies | SOAP, REST |
| Database | SQLite, MySQL, Oracle 8i,11g |
| Parsing | JSON using GSON/JACKSON, XML (DOM/SAX/PULL Parser)  SOAP (KSOAP library) |
| Java Technologies | J2SE, J2EE - JDK 1.6 /1.7 /1.8 |
| J2EE Technologies | JDBC, JSP, Servlets, EJB, Struts 2.0 |
| Web Technologies | HTML, XML, CSS |
| Languages | C, C++, Java, Java Script |
| Design Patterns | Singleton, Builder, DAO, Adapter, Factory, Observable |
| Version Control System | Git, SVN |
| Other Tools | JIRA, Confluence, Bitbucket, Github, Gitlab, Postman, Beyond Compare, APKTool, JD GUI |
| Operating Systems | Android, Windows, MAC, Linux (Ubuntu) |

**Professional Experience:**

**LPL financial charlotte, NC** SEP 2015-Till Date

**Senior Android Developer**

**Description:** Lpl mobile application allow the users to search their client lists and view client portfolio information, like account detail, positions and transactions and statements.it also allow the users to communicate with their clients via messages securely and view current market data and portfolio performance information.

Responsibilities:

* Involved in Analysis, Design, Development, Deployment and Testing of applications.
* Participated in ongoing initiatives to improve processes and establish best practices.
* Implemented full life cycle development of new web applications and modification of existing applications to add new components and features emphasizing maintainability, reliability, scalability and performance.
* Worked on innovative background reflecting the user account status that changes according to user's account.
* Designed screens related to Categories and Detail description for Tablet for both 7 inch and 10-inch devices by customizing views as per mockup. Created **Master-Detail** Interface for tablet implementation.
* Worked on UI and base Android **framework** issues during OS upgradation.
* Used version control GIT.
* Used MVC pattern to encapsulate client/server interactions helps to illustrate software-pattern roles as well as developer roles by separating object, components, and services into multi-tiers with well-defined boundaries.
* Streamed media files such as remote videos using **Android platform libraries**.
* To serialize and deserialize **JSON** data used **Retrofit.**
* Worked with source code obfuscation and shrinking using **Progurad** to ensure a more secure and reduced size release build **APK**.
* Used **MP4 Media codecs** to stream videos in the application.
* Used **Rx Java** in enhancing the level of abstraction around threading.
* Worked on the dependency injection **daggar 2.0** and **Rx-java**.
* Involved in declaring dependencies, specified methods to satisfy them, and delivered an app using **Dagger2**.
* Used **Dagger2** to inject dependencies between different parts of an application as they need to be connected
* To generate boilerplate code used view binding tool called **Butterknife**.
* To inject code at compile time used **Butterknife**.
* Used Espresso-Intents APIs in functional **UI** tests.
* Created reusable, interchangeable modules using **Dagger2**.
* Presented the video on app using **Music Player class**.
* Integrated audio, video, and images into application using **Android Multimedia framework**.
* Performed streaming of media files such as videos and presented them for playback in the application.
* Used one of the most key component of **media framework Media player**.
* Used **Media Controller** object to let the user control playback.
* Testing included emulator and device testing with multiple versions and sizes with the help of **ADB**.
* Involved in design and developing re-usable web services using **SOAP, XML, WSDL, XML** Schemasand **XSL.**
* Used web views, list views & populated lists to display the lists from database using **simple adapters.**
* 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, Async tasks and Alert Notification **API** to implement event reminder feature into the mobile app.
* Experience in working with Google Maps API, GPS Location Data, Google Play Services API, Google Analytics, **Google Cloud Messaging API**, Location Manager and Notification Manager.
* Proficient with common Android framework APIs (Phone Gap, Web View, Google Maps,**TelephonyAPI**, Camera, Contact Manager)
* Embedded videos into an app using**Android Multimedia Framework**. Performed streaming of video files and displayed it on a app.
* Integrated audio, video, and images into application using**Android Multimedia framework**.
* To update controllers if its data changes used MVC patterns.
* Embedded **Google Maps API, GPS** Location Data into app with zooming controls.
* Involved in working with Location Manager and Restful Web service with **JSON**.
* Knowledge of **C, C++, Java, Multi-threading & OOPs** technologies, Open Source Version Control tools (SVN & GIT) for tracking & deployment & Atlassian tools (JIRA & Confluence) to manage and track project progress
* Interact with **SCRUM** team developers and**TDD**, programmers, tester, product owners and stake holders to deliver right value of the project at the end of each sprint.
* Tested the application on various Android devices.
* Environment: Android SDK 5.0, SQLite 3.6, Eclipse IDE 3.5, Android API's,Proguard, RESTFUL Web service,Bluetooth Stack, DOM Parser, TDD, 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)



<https://play.google.com/store/apps/details?id=com.lpl.advisormobileandroidpackage&hl=en>

**Lowes.Inc Mooresville NC** MAY 2014 –AUG 2015

**Android Developer**

**Description**: Lowes mobile application helps Lowes customers to instantly add items to their shopping cart and they can see their shopping history, they can also able to see how other customers think about lowes product on reviews.

Responsibilities:

* Contributed to application requirement analysis for achieving the specifications provided by the client.
* Involved in developing the UI for the app using TextViews, Buttons, Check boxes, Alert dialogs, Actionbar and spinners for various layouts.
* Worked on wide use of application framework like content providers, content resolver, AsyncTask, AlertDialog.
* Involved in working on Restful Web service with **JSON**.
* Worked on AJAX with JSON for web page dynamic refreshing.
* Handling XML data using efficient parsing techniques such as **JSON Parser, XMLPullParser** and **DOM parser.**
* Contributed in backend of the application that interacts with the database to form the JSON structure required for Restful JSON response.
* Extensively used Web Views to display web components and parent.
* Utilized social networking and analytics APIs such as **Facebook**, **Google Analytics**.
* Integrated the Cache support to manage and retain the messages on device to provide offline capability within the app.
* **JSON** parsing to get information from inside the files.
* Building mobile apps in an Agile, TDD and fast paced settings.
* Implemented TDD testing mechanism and build Unit test cases using JUNIT.
* Used **Crashlytics** to detect and fix bugs.
* Environment: Java, Android SDK 4.4, XML, JSON, Ajax, JQuery,TDD, Genymotion, Postman (REST Client), Stash, JIRA, Android SDK, Web Services



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

**Allstate Insurance Co,Northbrook, IL**JAN 2013 –APR 2014

**Android Developer**

**Description**: Allstate Mobile helps Allstate customers to pay bills, report a claim, and update policy information and to get roadside assistance at any time. It helps to schedule payment through bank accounts and credit cards.   
**Responsibilities:**

* Involved in application android development, defect validation, deployment and production maintenance.
* Designed and implemented the Mobile Agent application using **Embedded android** development.
* Designed the User Interface per the requirements using **UI Groups, UI components**.
* Developed App screens and its workflow using Activity and Fragments which has views such as List View and Scroll View.
* Used **AsyncTask** for multithreading.
* Used **SVN** for code management.
* Registered the Broadcast Receivers with various intent filters for the android system announcements.
* Designed the Custom Dialog using the **Fragment Activity**.
* Designed the Custom Action bar, Custom Progress bar while making service calls.
* Created a pop-up notification for alerting users.
* Worked on Agile Methodology.
* Created a local database using **SQLite** to store and retrieve the data.
* Extensively worked on designing the layouts to compatible with screens of different resolutions.
* Have used the **android** support libraries to provide the latest features like action bar, fragments to the lower versions of android devices.
* Used Photoshop **CS5, Firework CS5,** and **Illustrator CS5 frequently** for editing images, altering photos, and customizing look and feel of client's applications.
* Have created the unit test cases using **MockitoJUNIT** framework.
* Took care of code review, code fixes and bug fixes
* Responsible for testing the application in stage, code review fixing the bugs and providing post-production support.

**Environment:** Android SDK 4.4, Java, Android Studio, windows 8, HTML5, JQuery, SQLite, Selenium, Volley, JSON, SVN.



**https://play.google.com/store/apps/details?id=com.allstate.view&hl=en**

**Menards Inc-Eau Claire, WI**OCT 2012 –DEC 2013

**Android Developer**

**Description**:The project was an android application that allowed its user to find store hours; departments, contact information, weekly store specials and informing them about currently active deals and price changes. Order Tracker feature allows user to get an up-to-date status on their order. User can view product picture with description and available rebates.   
**Responsibilities:**

* Worked on application designing, testing, deployment and maintenance.
* Discussed, and documented, the app's requirements.
* Used **Google Maps API** to enable Google map search for Menards locations; enabled **GPS/Wi-Fi** to detect user location from which to begin searching.
* Implemented **SQLite** database to store user's order history, list of orders to create.
* Implemented the **MVC** pattern in the app's screens.
* Tested the app on different versions of the Android OS, and on devices with different screen resolution.
* Design user interface activities for Android.
* Implementing Broadcast Receivers for Android.
* Layout Involved in unit testing with **eclipse debugger**.

**Environment**: Google Maps API, Eclipse IDE, Linux, Android SDK, Java, XML, SQLite



[**https://play.google.com/store/apps/details?id=com.menards.mobile&hl=en**](https://play.google.com/store/apps/details?id=com.menards.mobile&hl=en)

**Reliance Communications, India**MAY 2011 –SEP 2012

**Android Developer**

**Responsibilities**

* Created handset specific user interface (UI) for mobile phones and tablet PC's.
* OO Concepts and **UML** were immensely used for modeling.
* Developed update patches, modules and components for different applications.
* Researched on application acceptance and solicited feedback from users to make the new and existing applications more users friendly.
* Developed the UI for the app using edit boxes, buttons, **9-patch images, time picker, date picker, dialog boxes, alert boxes** and **spinners using various layouts**.
* Participated in designing of various screens by using **design principles**.
* Wrote technical specifications and maintained all reports pertaining to application development process.
* Used **JSON** for web service calls to access external database.
* Comfortable in using Android Components such as Activities, Intents, Services and Custom UI Components such as Text View, ListView, Expandable ListView, Layouts and menus.
* Used **Intent Integrator** for using the QR codes and Camera API for accessing the camera to use the QR code.
* Worked on the local data storage using shared preferences, **SQLite** database and **file system.**
* Handled time constraint issues, exception and error handling for the app.
* 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
* Used Asynchronous tasks for handling long term operations to ensure best UI performance.
* Tested the widget for multiple devices, densities and screens.
* Involved in post-production support and Change Request process to fix the bugs.
* Involved in unit testing with **eclipse debugger** and **USB debugging.**
* Implemented a well versed error handling system in the application.
* Worked closely with QA team while fixing bugs and fragmentation issues.
* Involved in developer testing by porting the application on multiple devices with various screen sizes.

**Environment/Tools**: JAVA, Android SDK, Android Emulator, JSON, Camera API, JSON, REST API (XML), MySQL, HTML5, JavaScript, CSS, Eclipse 3.6, Perforce, SQLite3.



[**https://play.google.com/store/apps/details?id=com.rts.ic.ym&hl=en**](https://play.google.com/store/apps/details?id=com.rts.ic.ym&hl=en)

**Archana Info & Mgmt. Services (India)** MAY2009–APR 2011

**Java Developer**

**Project Name: Resource Planning and Pricing Mgmt.**

**Java/J2EE Developer**

Automated System program and Eligibility Network (ASPEN) is an integrated eligibility system used to determine eligibility for issuance of state and Federal assistance programs for low income New Mexicans. With ASPEN New Mexico HSD assists the state residents with different programs like SNAP (Supplemental nutritional assistance program), CASH, Medicare, and Energy assistance. Eligibility determination and Benefit calculation (EDBC) is heart if the entire project and responsible to deliver benefits according to the policies.

**Responsibilities:**

* Worked in **EDBC** team and took responsibility for implementing the business policies and fixing bugs in Java by Debugging.
* Actively participated in daily team discussions to plan and complete the tasks for every release.
* Developed Web Services using **JAX-RS** and **JAX-WS** Models using the **MULE ESB**.
* Responsible for implementing the business policies using Corticon Business Rule Management System (**BRMS**) tool and coding them in Java.
* Developed web services that provide services like add, update and inquire information for any individual in **ASPEN**.
* Configured and deployed the entire application in **IBM** WebSphere Application Server in different environments.
* Responsible for coding Java Batch and Restful Web Services
* Modified and Developed **DAO**s for data access from database.
* Developed and implemented the business logic component in middle tier using **EJB framework** including stateless session bean classes and Entity bean classes.
* Extensively used **Eclipse IDE** for developing the project code and debugging to fix the issues mentioned in work requests.
* Extensively used the **JSP**’s and **JavaScript** to make any necessary changes to the functionality of application when dealing with new **CRs**.
* Extensively used the **SQL** queries using **SQL** Developer for getting details from DB to resolve the issues in functionality in the application.
* Extensively used **MVC Framework, Fast4j** developed by Deloitte, in entire development process.
* Used **IBM** Clear Case as code repository, version control and for check-in and check-out of code into the development environment.
* Extensively used **IBM** Clear Quest tool for defect tracking and bug fixing in the system and assigning the work requests.
* Responsible for the code fix, unit testing and Integration testing in entire development process.
* Developed stored procedures, triggers to create batch jobs and to trigger events according to the business requirements.
* Consistently maintained the coding standards throughout the development process.
* Interacting with the clients and QA in discussing the specific functionality and guiding them for testing application with test scripts prior moving fix to the production environment.

**Environment: Java/J2EE, EJB, Fast4j MVC Framework, Corticon (BRMS), Oracle 11g,SQL Developer, Eclipse IDE, JSP, JavaScript, IBM Clear case, IBM Clear Quest, SOAP Web services.**

Education: Bachelors in Computer Science & Engineering from JNTU, India