

**Lakshmi Yengula**

**Professional Summary:**

* 4 years on designing and development of **Native android** applications for smart phones and tablet, 4 years of **Java** based applications.
* Accomplished online Java internships and learned full stack java application development using **Java, JBOSS Server and Oracle 11g database.**
* Strong understanding in Object-Oriented Programing Methodologies.
* Deep knowledge and experience in **iOS** application design and implementation.
* Developed Video Calling application for both Android and iOS.
* Hands on experience in Front End development and expertise in **HTML5, CSS** with **Sass, Java Script, JQuery**.
* Good understanding in iOS, interactive application development and memory management.
* Proficient with common Android **Framework API's** (Location, Camera, Notifications, Maps).
* Designed **GUI** and interfaces with services for mobile applications.
* Experience in using Fragments, Activity workflow, Action Bar Navigation, Menu designs and view controls, and Loaders.
* Worked in JQuery mobile, Moodle mobile server, Phone Gap to create mobile application (iOS, Windows Mobile, Android) for my school with my team for capstone project.
* Created simple website for community church suing **ASP.net** and **ADO.net**.

**Education:**

Bachelors of Engineering in computer science

**Technical Skills:**

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| **Mobile Technology Platform:** | Android SDK versions until Kitkat (4.4), Web Services, API's like Intents, Activity, Notifications, Dialogs, Menus, Location based Services, Maps, Broadcast receivers & Services, Audio and Video, Localization/multi lingual support, Fragments, Image Caching, Mobile ads. |
| **Programming Languages:** | JAVA, MSSQL, Android, Linux Basics. |
| **Software Development:** | Eclipse IDE with Android SDK & ADT plugin, NetBeans IDE. |
| **Database:** | SQL, MSSQL, SQLite. |
| **Web Services:** | SOAP, REST |
| **Operating Systems:** | Windows, Linux |
| **Development Method:** | Agile Scrum Methodologies. |
| **Parsing Techniques:** | XML (SOAP API), JSON (RESTful API) |
| **Programming Methodologies:** | Object Oriented, Functional and Structured |

**Professional Experience:**

**Wells Fargo - New York, NY Jul 2016 to November 2017**

**Sr Android Developer**

* Designed and developed mobile application for Android mobile devices with extensive user interface development.
* Implemented unique design for portrait and landscape mode.
* Used web views, list views & populated lists to display the lists from database using simple adapters.
* Responsible for consuming the REST services, getting JSON response and parsing them to get the required information.
* • Developed Volume control broadcasted to the listener and global navigation bar, plus it's control bar with animation, Dagger(dependency injection framework )
* Integrated location based services using Google Maps API to display locations of the nearest stores.
* Implemented SQLite databases to monitor shipments.
* Implemented retrofit asynchronously so that long running operations could be carried out on a background thread.
* Implemented customized web view component to load an SWF file and HTML data.
* Developed internet applications using HTML5 and CSS where web screens are also been implemented.
* Expertise in HTML, CSS and also JavaScript for performing Form validations.
* Implemented capturing the screenshots of the payment screen, bitmap to pdf conversion features using Android NDK implementing C/C++ code.
* Implemented the required GUI by making modifications to the xml files.
* 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.
* Worked on debugging the application using Log cat**, DDMS**.
* Tested the application on various Android devices.
* Involved in Mobile Cloud-Interactive testing the applications from a PC to the handset.
* Involved in "send text" and numbers to the handset using the PC keyboard, simulating handset events in a single click like call me or SMS, capture screenshot.
* Developed the activities and UI layers.
* Used GPS provider to quickly find location and navigates the directions to the nearest bank or ATM.
* Used Android SDK and Eclipse IDE for development.
* Tested the app across different versions of Android and different android phones to assure quality and performance.
* Created and used SQL Queries, Scripts and Stored Procedures for data validations.
* Proficient in creating test data for Business users, Personal users, Commercial users etc.

**Environment:** Android SDK 4.1, SQLite 3.6, Eclipse IDE 3.5, Android API's, JDK 1.6, XML, JSON, HTML, CSS, SQLite, GPS service, Log cat, Windows 7.

**Reference link:**

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

**Bank of America - Charlotte, NC Mar 2015 to Jun 2016**

**Android Developer**

* Involved in doing AGILE practices, attending daily agile (SCRUM) meetings and SPRINT retrospective meetings. Worked with an Agile, Scrum methodology to ensure delivery of high quality work with every iteration.
* Worked closely with another mobile Android app developer, leading the IOS platform development.
* Identifying Critical/Crash/Hidden defects in applications using Android mobile apps and Ability to give suggestions for a quick fix by analyzing.
* Tested the app across different versions of Android and different Android phones to assure quality and performance.
* Used Dagger for dependency injection (DI)
* Used GPS provider to quickly find location and navigates the directions to the nearest bank or ATM.
* 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.
* Implemented security/obfuscation into the application and libraries for the Android.
* Developing libraries for clients to use to gather data fingerprint/touch devices for security purposes.
* Responsible for consuming the REST services, getting XML, JSON response and parsing them to get the required information.
* Used Dagger2 as a dependency injector to create some reusable, interchangeable modules and maintainability of code and alterations
* Enabled the application to use the Camera feature to scan a document and upload the check.
* Versatile to identify the root cause of an application issues while working on Android devices.
* Discussed the requirements with the client and documented the requirements.
* Worked on debugging the application using Logcat, DDMS.
* Identifying Critical/Crash/Hidden defects in applications using mobile apps and Ability to give suggestions for a quick fix by analyzing logs.

**Environment:** Android SDK 5.0, Java 1.6, SQLite 3.0, Android API's, RESTFUL Web service, Dagger 2, DOM Parser, JDK 1.6, XML, JSON, GPS Service, HTML, CSS, Maven, GIT.

**Reference link:**

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

**Verizon - Dallas, TX Jul 2013 to Mar 2015**

**Android Developer**

* 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 Trace view 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.

**Reference link:**

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

**Bank One - Chicago, IL Sep 2011 to Jun 2013**

**Java Full Stack Developer**

* Developed high-level design documents, Use case documents, detailed design documents and Unit Test Plan documents and created Use Cases, Class Diagrams and Sequence Diagrams using UML.
* Designed and developed the application using agile methodology
* Designed and developed the project using MVC design pattern in Bridges Framework.
* Integrated presentation (JSP), business (EJB) and data access layers (DTO/DAO).
* Developed Business object Classes that are used across the interfaces and other modules.
* Jboss Application Server was used to deploy the application, and Eclipse Juno, Neon was used as the IDE for development of the application.
* Solving QA defects, scheduling fixes, providing support to production application.
* Used TestNG for backend test cases and Jasmine for AngularJS test cases.
* Developing custom HTML elements using Angular JS directives
* Developed controllers, view/partials and directives for the application.
* Widely resolved angular scope issues
* Developed Angular factories, and used angular promise API for making asynchronous calls.
* Used angular UI-bootstrap and CSS 3.
* Used karma-test-runner, Protractor and Jasmine for Client-side Unit testing.
* Extensively created JSON objects to mock UI data and display on load of the UIs.
* Experience in writing PL/SQL queries to Insert/Update IES database and worked on Batch/Framework related insert/Update Queries in SQl Developer.
* Fixed Sonar reported Bugs in AM related files as part of refactoring capabilities in releases and was responsible to create Sonar Test Reports in excel for AM related Bugs, Vulnerabilities, code smells and code coverage from prior release code base.
* Worked on writing Junit test cases for Unit testing using Mockito and Power Mockito
* Partially worked on System testing and supported for QA.

**Environment:** Java 1.8, J2EE, JDBC, Angular JS, JAXB, XML/XSL, XSD, Web Services, WSDL, SOAP, SAX, JBoss7.0, Node.js, SQL Developer, JSP, JavaScript, JIRA, JRebel, log4j, JUnit, TestNG, Jasmine, Protractor Tests, Mockito, Power Mockito, EclEmma-2.3.2, Istanbul, Karma, JMS, XQuery, XPath, Eclipse, Web Storm7.0, SVN, UNIX, Shell Script, SQL, HQL, Oracle, Splunk, Sonar, Sonar Lint, WinSCP.

**American Express - Phoenix, AZ Oct 2009 to Aug 2011**

**Java/J2EE Developer**

* Worked as a Java Developer and responsible for design, development, architect solutions using J2EE technologies
* Interacted with business analysts to understand the business rules for adding new Line of Business
* Designed and developed Caching and Logging service using Singleton pattern, Log4j.
* Designed and implemented JavaScript functions for front-end validations.
* Involved in automatic generation of primary key using Hibernate
* Involved in connection management module which provides database connections
* Used JDBC to access database and developed Stored Procedures for executing SQL statements.
* Involved in integrating the spring framework with Hibernate.
* Wrote SQL Queries, and integrated SQL Queries into DAO.

**Environment:** Java 1.5, J2EE, Spring, Servlet, Hibernate, JDBC, XML, JSP, JMS, JavaScript, EJB2.0, Oracle 8i / 9i, DB2 v8 and Web Logic App, Log4j, JDBC, SQL.

**Sagar Soft Systems, India May 2009 to Aug 2009**

**Java Developer**

**Description:** Sagar Soft systems, providing a range of traditional and consumer directed health care insurance products and related services, including medical, pharmaceutical, dental, behavioral health, group life, long-term care, and disability plans, and medical management capabilities

**Responsibilities:**

* Involved in writing the Action classes that does the functionality of invoking appropriate Business Logic
* Classes and navigating to User Interface and in writing Action Forms that does the validation.
* Developed the user interface using JSP,HTML and used JavaScriptfor Client-Side validations.
* Developed UI using jQuery and javascript library for web application and mobile applications and extensively developed rich internet applications and various UI widgets using jQuery.
* Used various JSTLtags and Strutstag libraries in developing the JSP pages.
* Developed Transfer Objects for use in the presentation layer and the database access layer.
* Used the J2EE and Java Design patterns including Business Delegate, Service Locator, Value Object, Singleton when developing the code.
* Developed the application following the Java standards and used Check style to better organize the code that is written.
* ApacheMavenwas used as a build tool for the project.
* Perform quality assurance functions including application testing and code reviews.
* Used PL/SQL for creating stored procedures.
* Used Log4J for logging.
* Used WSAD5.0to provide a rapid application development.
* Involved in gathering the client requirements and preparing a requirements specification.
* Oracle was used as the backend database.

**Environment**: J2EE**,** Struts, MVC, JSP**,** HTML, JavaScript, JSTL, WSAD 5.0, XML, Oracle, Log4J, UML, Rational Rose, Apache Maven, UNIX.