**Durga Edara**

**Sr. Android Developer**

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**SUMMARY:**

* Overall**7 years** of experience with**4 years** of**Android Development** and **3 Years**in **JAVA** using web based applications.
* Worked on the **JSP, Servlet and JDBC.**
* Experience in consuming **SOAP and Restful Web services.**
* Parsed the xml files using **SAX and DOM Parser.**
* Build application using Maven and Gradle.
* Good understanding of **Android Framework, Android Native and Web-Based** Application Development.
* Experience in developing Android application using **Android Studio, Eclipse IDE, SQLite Database, Java, JSP, XML, JSON and Android SDK.**
* Solid background in Object-Oriented Analysis and Design (**OOAD**). Good command over **Core JAVA**.
* Worked with Activities, Fragments, Intent, Services, Broadcast Receiver, Content Provider, and Location Manager.
* Good programming skills and hands on experience in developing Android enterprise applications for mobiles and tablets using IDE's like Eclipse, Android Studio, Android SDK and ADT development tools in JAVA environment.
* Proficient with AndroidSDK version (Gingerbread, Honey Comb, Ice Cream, Sandwich, Jellybean, Kit Kat, Lollipop, Nougat).
* Experienced with version control tool such as Git , Jenkins for version tracking.
* Experience on Android UI components such as Text View, List View, Customized List View, Menus, Edit boxes, Buttons, Checkboxes, Dialogs, Alert boxes, Status Notifications, Action bars, and Spinners for various layouts in Application development.
* Strong experience in the Web Application GUI Development using HTML, CSS, JavaScript.
* Proficient knowledge in HTML5, CSS3, JavaScript, jQuery. Developed and implemented various Multimedia Applications for the Android.
* Proficient with common Android framework APIs (Web View, Google Maps, Telephony API, Camera, contact Manager).
* Excellent debugging and problem-solving skills with Eclipse and Android Studio.
* Successfully deployed the app on the Android Marketplace and supported the app for different releases of Android OS.
* Possessing strong analytical skills, an excellent team player with good leadership qualities and strong oral and written communication skills.
* Experience in Android device support, publishing apps to Google Play Store, Memory Management, Google Ad Mob, Picasso library.
* Regarded as a self-motivated and well-organized team player.

**TECHNICAL SKILLS:**

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| --- | --- |
| Android App Dev Tools | Android SDK 2.3-6.0, Gradle,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:**

**Client: BNY Mellon, Jersey City, NJ Oct 2016 – Till Date**

**Role: Sr-Android Developer**

**Description**

This project involves analysis, design and development of Private Banking App for the Android Device. This app has lot of Features like Account monitoring, Mobile Deposits. To help safeguard your financial and personal information, Accounts are protected by 128-bit encryption, just as they are when user bank online.  A supported mobile device is needed to use the Mobile Banking App.

**Responsibilities:**

* Involved in requirement Analysis, Module level designing, **UI design** and development.
* Part of implementing a complete and stable application.
* Implemented immediate notifications and alerts using Notification bar and push notifications.
* Worked on various 3rd party libraries like **Retrofit, GSON, Picasso, Butter knife, Dagger** to improve the performance and optimization of the app.
* Changed the architecture from MV to **MVP using Dagger.**
* Worked with View Pager, Navigation Drawers and action bars for better connectivity within the app.
* Worked with Async Tasks in conjunction with broadcast receivers and services to provide certain functionalities such as show urgent SMS messages, emergency calls etc.
* Design and Development of **APIs in the SDK** layer for various features, functionalities available in the native layer.
* Maintaining test automation code in **GitHub** and **TFS**.
* Developed **Android application visualizing** data from remote sensor transmitted via Bluetooth
* Implemented **JSON and REST API** web service calls for data parsing and server interaction.
* Implemented Geo Location Tracking of Emergency Vehicles using Location and Google Maps API
* Exposure to working with secure connections with server by using the Secure Socket Layer and a protocol consisting of **XML** messages between the client and the server.
* Worked with gradle for build version control.
* Used Espresso as an Android test automation framework to write powerful and robust automatic black-box test cases.
* Efficiently used Gerrit, Git and resolved issues and CR’s in Jira with continues updates and reviews with continue testing of the application.
* Worked with debugging tools such as using Logcat, and DDMS
* Test and error logging on devices of Android, debugging them in the very first phase of development, eliminating possible app crashes.
* Testing included emulator and device testing with multiple versions and sizes with the help of **ADB**.
* Worked on UI and base Android **framework** issues during OS upgradation.
* Used web views, list views & populated lists to display the lists from database using **simple adapters.**



<https://play.google.com/store/apps/details?id=com.mfoundry.mb.android.mb_425>

**Environment:** Android Version, Android SDK, ADT, Java, J2EE, Google Maps API,Git, Eclipse IDE, Linux, Maven, XML 3.3, CSS, gradle.

**Client:PENSKE, Reading, PA May 2015 to Sep 2016**

**Role: Android Developer**

**Description**

The Penske Route Status application is intended to furnish Penske Logistics clients with real-time visibility on their shipments. By downloading the free Penske Route Status application, clients can: View reports on courses worked by Penske's devoted trucking administrations, indicating whether a pickup or conveyance has been finished, the entry time, fruition time, address, and kind of business. Set up watch arrangements of select truck courses they need to screen nearly. View a guide demonstrating current areas of their vehicles.

**Responsibilities:**

* Worked in an agile environment – Participated in Daily standup meetings.
* Worked in layouts and **UI design** and layout using both **XML,** and custom android views.
* Implemented location based **API** using Location Manager to locate the clinic in the neighborhood.
* Implemented Web Views to provide easy access to shop online feature.
* Used SQLite database to store user’s shipments and tracking numbers locally and to implement offline functionality.
* Responsible for design of user interface using various custom layouts, buttons, dialog boxes, alert boxes and different form of widgets. Maintaining test automation code in **GitHub** and **TFS**.
* Used REST based web services and JSON parsers for secured data interchange.
* Extensively utilized Async Task, Thread and handler to provide smooth UI experience.
* Implemented **Material Design** for the latest app supporting Android 5.0.
* Added Push Notification through backend support to get users specials and discounts on thedevice.
* Implemented **spinners** while loading data.
* Integrated with different Android versions.
* Collaborated with web services team to implement the backend support.
* Worked manage work onsite as well as offsite team of contractors.
* Performed debugging on the various modules/functions to ensure that the output is as expected.
* Worked with Hybrid capabilities to display static pages that were hosted on CVS Server
* Worked with the UI team to design the appropriate icon and display for the screens.
* Implemented Barcode Scanner API to scan users’ prescriptions and provide availabilityinformation on the app.
* Debugged and tested the application using logcat, DDMS (Dalvik Debug Monitor Server) andtrace view on different android devices.

**Environment:** Android SDK, Android DDMS, Eclipse ADT, Java, web service, Git, HTML, CSS, XML Parser.



<https://play.google.com/store/apps/details?id=net.penskelogistics.routeview>

**Client: Menards Inc. -Eau Claire, WI Oct 2013 –Apr 2015**

**Role: 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&#39 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.
* Writing git commands for code maintenance in GitHub.
* Implemented SQLite database to store user&#39 order history, list of orders to create.
* Implemented the MVC pattern in the app&#39 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, GitHub, Android SDK, Java, XML, SQLite



https://play.google.com/store/apps/details?id=com.menards.mobile&amp;hl=enClient:

**Client: Archana Info &amp; Mgmt. Services,India** **Dec2012 to Sep2013 Role:Java Developer**

**Description**

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:**

* Involved in elaboration, construction phases and deployments of **EAR files in the RUP process.**
* Designed and Created Domain model and schema using **object oriented design / UML diagrams**
* Built **SOAP Web services.**
* Installed and configured **WebLogic in Development and Testing environment.**
* Created User Interface screens using **HTML, DHTML, AJAX, CSS,** Java script.
* Developed Action classes, Action Forms, and Struts Configuration file to handle required **UIactions, JSPs for Views.**
* Developed server-side presentation layer using Struts **MVC2 Framework.**
* Used various design patterns like **Business delegate, Singleton, Factory, DAO, DTO, Servicelocator etc.**
* Used **RAD** application development and configured external capabilities for various interfaces.
* Performed Inheritance based OR mappings in tables to simplify the data in Hibernate.
* Used Oracle database for **SQL, PL/SQLscripts, stored procedures, functions, triggers, Oracleforms/Reports,** Performance Tuning and Optimization.
* Deployed web services for updating the information to the workflow steps and getting the pre-configured workflow processes and invoked with RMI.
* Unit tested all the classes using **JUNIT** at various class level and methods level.
* Made use of WINCVS for checkout and check in operations.
* 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.

**Client: Concentrix, India Jan 2011 toNov 2012**

**Role: Java Developer**

**Description**

Concentrix provides systems for administration of life and health insurance products, tools for front-office engagement and process and operations enhancement through analytics, consulting for transformation, market optimization tools for enhancing the end-to-end customer life cycle, and focus on market optimization tools, digitalization and automation that includes Internet of Things, and Telematics business solutions.

**Responsibilities:**

* It provides a **GUI interface,** developed in **SWING,** which integrates Audio Player, Video Player.
* Developed use cases using **UML.**
* Involved in testing and fixing the bugs.
* Integrated encoding and decoding plug-isn’t to support various Audio and Video formats.
* Involved in Analysis, Design, Development, and Testing phases of the project.
* Used design patterns like Service locator, **Data Access objects, and MVC.**
* Developed business logic using **EJB 2.**
* Designed and developed the user interface using JavaScript, **HTML and CSS.**
* Involved in designing, developing and configuring server side J2EE components like **JavaBeans, JSP, Servlets, JNDI, and XML using IDE- Eclipse** and deployments in **WebSphere.**
* Used **AJAX and JSON** to make asynchronous calls to the project server to fetch data on the fly.
* Converted the Photoshop mockups in to hand-written **HTML and CSS pages.**
* Developed web pages applying best standards.
* Designed dynamic and multi-browser compatible pages using **HTML, DHTML, CSS and JavaScript.**
* Designed CSS based page layouts that are cross-browser compatible on all the major browsers like **Safari, Chrome, Firefox and IE.**
* Implemented various Validation Controls for form validation and implemented custom validation controls with **JavaScript validation controls.**
* Used Hibernate for mapping objects to the relational database.
* Responsible for configuring the WebSphere Application Server to access the database by setting up data source and connection Pool.
* Utilized Log4j for request / response / error logging.

**Environment:**JDK 1.4, JSP, Servlets, JNDI, JUnit, XML, IBM Rational Application Developer (RAD), WebSphere 5.0, SQL Server 2003, Log4j, Windows XP, SVN, ANT.