**SathwikBoggarapu
 Android/IOSDEVELOPER** **boggasathwik91@gmail.com** **+1 (201) 830-7134**

**PROFESSIONAL SUMMARY**:

* Over 8+ years of experience in **Java** and **Android/IOS** application development.
* Havehands-onexperienceindevelopinghybridapplicationsusingIBMmobile-firstplatform**V7.1,V8.0**.
* Experience in Native Components of Android applications: Activities, Services, Broadcast Receiver, Content Provider, Web Services, Fragments, and Support Libraries to create high quality and stable applications.
* Command in **React Native**JS for creating interactive UI's using Virtual DOM, JSX**, React Native** concepts.
* Achieved Native navigation by using React Native navigation, created a fork for adding features to fit design needs.
* Used Redux Framework architecture (like Reducers, Containers, Saga) for integrating the data with React Native Application.
* Experience in **Android** UI **toolkit** and Layout Managers. Proficient in the Android application framework. Experienced with **Android SDK**tools.
* Proficient in Android applications development involving **User Interface development, Notifications, Adapters, Content Provider, Services, and Telephony Manager.**
* Experience in working with web technologies like **HTML5, CSS, Ajax, jQuery**, andJavaScript.
* Able to handle **JSON** and **XMLHTTP** requests from web services and parsing responses using native implementations and third-party libraries.
* Expertise building Native Android Applications using (**ANDROID SDK, NDK**) as well as Hybrid applications using (Apache Cordova, Phone Gap)Platforms.
* Designed GUI and interfaces with services for mobile applications and worked on **OOD** (Object Oriented Designs).
* Strong in Web designing technologies like **HTML5, XHTML, JavaScript, Typescript, CSS3, jQuery, Ajax** and **JSON**.
* Proficient in designing single page applications using **MERNstack**, use of **React** and **Redux** to efficiently handle **UI** and application state, Express and Node to setup server and manage packages.
* Good experience in using **redux** , **hook** and **react-navigations.**
* Good experience in developing web app using **React JS, integratingReactthird party libraries**.
* Extensively worked on memory leaks, push notifications, multiple screen support, data offline usage, accounts, and sync onAndroid.
* Expertise in Android application development using **Eclipse IDE, Android SDK, Android emulator**, and ADT plug-in
* Analysis, Design, Create & Consume of REST ful Web Services with **Node.js** & **Express.js**
* Expertise in **Data Structure, Multithreading, Collections, Exception Handling**, andSerialization.
* Experience in working with **Google Maps API, GPS Location Data, Google Play Services API, Google** Ana**l**ytics**, Google Cloud Messaging API**, Location Manager, and NotificationManager.
* Responsible for design and development on various components such as tab bars, map view, image picker, document picker, push notifications, profile **management** and navigation using **react-native**.
* SkilledindevelopingAPIsformiddlewareFrameworkmodulesformobileplatformsusingC,C++,andJava.
* Experienced in developing consumer-ready Native Android Applications Hybrid Mobile Applications Android/iOS/Mobile Web using Phone Gap, JavaScript,and JQuery.
* Have hands-on experience in the complete project life cycle, with domain knowledge in Mobile Application Development and Web application development.
* Knowledge of project life cycle for web applications using various methodologies such as the Waterfall model and Agile Scrum Model.
* Experience in using Design Patterns and Object-Oriented Methodologies to design software for mobile phones.
* Designed Interfaces and GUI with services for mobile applications, Asynchronous programming in Xamarin. Forms and Xamarin.Android.
* Experienced in working on the Agile operations process and tools area (Code review, unit test automation, Build & Release automation, Environment, Service, Incident, and Change Management).
* Experience in architecture design, development, and implementation of software applications and testing.
* Highly capable of handling multiple tasks, prioritizing, and meeting deadlines.
* A self-driven, goal-oriented, customer, focused software professional with proven ability to successfully work in all phases of the Software development lifecycle.

**EDUCATION:**

* + Bachelor of ComputerScience

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming / Scripting Languages** | Android, Kotlin, Xamarin PL/SQL, Java, J2EE, JDBC, UNIX Shell scripting, Flutter, Objective -C, Swift. |
| **Development Tools** | Android Studio, JDeveloper, Azure, NetBeans6.X, MSVisual Studio Code, IntelliJ IDEA, XCode, Eclipse. |
| **Web Technologies** | HTML 5.0, AJAX, DHTML, XSL, XSLT 2.0, jQuery, JSP, JavaScript, Servlets, AngularJS, Angular, NodeJS, jQuery Mobile, Ionic. |
| **Web Services** | Android SDK, HTTP, Restful Web Services, Google APIs, XML, DOM parsers, SAX parsers, SOAP, JSON |
| **Database Technologies** | MySQL, SQLite, SQL Server. |
| **Third Party Libraries** | Picasso, phone gap, Espresso, OpenGL, Cordova, Dagger, Mishap |
| **Testing Tools** | Espresso, Mockito, DDMS, Logcat. |
| **Mobile Technologies****and Tools** | Android Emulator, Trace View, Draw 9-patch, IBM Mobile First v7.1, v8.0. |
| **Operating Systems** | Windows, Linux, UNIX, VMware |

**Professional Experience:**

**Client: Key Bank, Cleveland, OH. Nov 2019-Till Date**

**Role: Android / IOS Developer**

**Description:** KeyBank, the primary subsidiary of KeyCorp, is a regional bank headquartered in Cleveland, Ohio, and is the only major bank based in Cleveland. KeyBank is 28th on the list of largest banks in the United States. Key's customer base spans retail, small business, corporate, and investment clients.

# Responsibilities:

* Working on a Hybrid mobile application which allows the users to remotely deposit their checks into their bank account.
* The application runs on **IBM** Mobile-first platform(MFP) 8.0 which includes technologies like Cordova, Angular, Java, Ionic, Html, and CSS.
* Implemented**REST**servicestothecalltheApi’sinthebackendservertogetrequiredHTTPresources.
* Analyzed with the **POSTMAN** tool to verify the backend server response for the **REST** calls.
* Using tools like Splunk and Kibana for checking the application logs.
* Used to deploy the adapter in mobile-first console(MFP) running on **WAS 9**environments.
* Worked on **Oauth** Set Up on for initiating the token and security setup for the login process. where we used to call a security question through a security challenge handler.
* Updated the **Android** SDK to the latest level which is available in the current market.
* HaveExperienceon**IBMTrusteer**whichisusedasanextrasecuritymechanismforthemobileapp.
* Integrated the third party camera plugin from vendor MiTek in both **Android** and **IOS** for capturing the front and back of the checks.
* Refactored the app's navigation from the ground up using **React Navigation** to replicate native interactions.
* Performance tuning of client-side **typescript**/**JavaScript** to optimize navigation within the **Hybrid App**.
* Developed Cross-Platform Mobile app using **Xamarin Forms** with code sharing between all platforms (**Android, IOS and Universal Windows apps**)
* Build CI/CD using Xcode server and was responsible for manning App Store Connect Account to handle Apple release.
* Design, development and review of **APIusing Node.js.** Prepare Data flow and implement core business logic on Node JS
* Used web pack for **Typescript** module compilation.
* Developing mobile applications in **Flutter** and/or **Java/Kotlin/Swift.**
* Used to test the apps through apple test flight and google betatesting.
* Involved in the development and enhancements of features to restrict usage based on Authorization and Authentication tokens.
* Developed Web API using **NodeJS, ReactJS**, and **React Native** and hosted on multiple lead balances API instances.
* Used **Jenkins** for continuous integration and worked on Android Frameworks to implement features for the payment gateway.
* Used a sliding side menu library for easy navigation through the app and enhanced the UI design of the application.
* Implemented Jenkins pipeline for continuous deployments. Installed and configured Jenkins CI/CD pipelines, installed plug-ins, configured security, created a master and slaves for implementation of multiple parallel builds.
* Created a demo website running on a **Node.js** using the **Express** framework **Jade** and **Backbone.js** with **Mustache.js** for front end MVC/templating.
* Implement the Mobile-First analytics to Insight crash reports, users, audience, and events for monitoring the app across the App Store and **Google** Play.
* Implemented third party components to use **Camera, GPS,** and other Social Networking API's to integrate them to the Mobile Application.
* Worked with multiple technology stacks to deliver the right Mobile experience for our customers’ needs, i.e. use the right tool for the right job, whether it be **Native, React Native, PWA** or even Flutter Used to test the apps through apple test flight and google betatesting.
* WorkedextensivelyonlocaldatastorageusingSharedPreferences,SQLitedatabases,andFilesystem.
* Efficiently consumed and managed **RESTful** web services with XML and JSON formats.
* Supported the design, development, testing, and implementation of new business and support applications.
* Migration of All Legacy Applications to integrate GIT/Bit Bucket Repositories, Jenkins, Arti factory , with Sonar Qube Analysis in CI/CD Pipeline Infrastructure.
* Developed code for the Custom Menus, Dialogs and Image Views, PushNotifications.
* Implemented code to display all the folders in alphabetical order as well as to display all the files which are present in the mobile.
* Implement cron job on Node.js to get “#Authentic NW” posts from Tag Board API
* Developed various screens for the front end using React Native and used various predefined components from NPM (Node Package Manager).

**Environment**: IBM Mobile First Platform 8.0, HTML5, CSS, JavaScript, jQuery, SQLite, SQL Databases,Junit, GPS Services, GitHub for version control, XML, JSON Frameworks: UIKit, Core Location, Agile Scrum Methodology, Eclipse IDE, REST Web Services, Objective-C, Swift, React Native, Splunk, Kibana.

Android App Link:<https://play.google.com/store/apps/details?id=com.keycorp.kmf&hl=en_US>

IOS App Link:<https://apps.apple.com/us/app/keynavigator/id1090492316>

**Client: Mastercard, St. Louis Aug 2018-Oct 2019**

**Role: Android / IOS Developer**

**Description:** Mastercard Incorporated Is an American multinational financial services corporation headquartered in the Mastercard International Global Headquarters in Purchase, New York, United States

# Responsibilities:

* Developed update patches, modules, and components for differentapplications
* Worked on Android Framework Customization which supports easy XML parsing using a convention over configuration-based XML pull parser, new adapters, and widgets, such as List Adapter with Progress an ImageLoaderwhichcanloadimagesfromthewebasynchronously,backedbyaFIFOcache,etc.
* Streaming Plug-in for its own and third-party real-time streamingservices.
* Real-time **P2P** communication between mobiledevices.
* Developed iOS, **Android,** and windows applications using **C# Xamarin**.Forms.
* Developed a Cross-Platform application using Xamarin. Forms and deployed on iOS, Android, and Windows Platforms.
* Workedextensivelywiththe Xamarinframework,**SQLite,SQLServer,**anda**third-partylibrary**WebAPI.
* Good Experience in **React JS** for creating interactive **UI's** using One-way data flow, Virtual **DOM, JSX,React Native concepts**.
* Used **React Js** components, Forms, Events, Keys, Router plus **Redux** to create and maintain state of client side applications.
* Developed Map Interface by using Leaflet-react, **React Js** and **SPA** development.
* Complete code base conversion to **React Native** with feature parity.
* Created **UI** controls using **Typescript, CSS, HTML5**
* Created **Typescript** reusable components and services to consume **REST API's** using Component based architecture provided by angular **JS2**.
* Used **SQLite.NET** with **MVVM** for reading and writing data to a local SQLitedatabase.
* Used Xamarin Insights for finding and debugging issues in theapp.
* Participated in developing the **UI** for the app using **Web Views, middleware apps**, Buttons, 9-patch images, dialog, and Alertdialogs.
* Integrated Push Notifications (**GCM**) to notify the user about new in-stock apparels and worked on CTS test cases to ensure that the applications support the Googlestandards.
* Used **GITBitbucket** for version control and updating and push the changes into the application and followed **Agile** with **JIRA** for implementing thisproject.
* Worked with **AndroidUI** components such as Layouts, Menus, and ActionBars.
* Researched on application acceptance and solicited feedback from users to make the new and existing applications moreuser-friendly
* Wrote technical specifications and maintained all reports about the application development process.
* Worked on the local data storage using shared preferences, SQLite database, and filesystem.
* Created worker threads for handling long term operations to ensure the best UIperformance.
* Handled time constraint issues, exception and error handling for theapp.
* Involved in post-production support and Change Request process to fix thebugs
* Implemented a well-versed error handling system in theapplication.
* Used Multi-Threading extensively as the immersion reading needed many tasks to be performed at one time.
* Worked with the **AndroidSDK** and implemented Android Bluetooth and Location Connectivity components.
* Handled XML data using efficient parsing techniques such as DOMparser.
* Responsible for consuming the **REST** services, getting JSON responses, and parsing them to get the requiredinformation.
* IntegratedAPIs/SDKsthatprovideservicesformedia,phone,navigation,andspeech-recognition.
* Worked on GoogleAPIs such as Firebase, Google Play services, Email Integration API to examine the viability of the app over Google servicesexclusively.
* Used Dagger and Butter Knife to inject the dependencies for supporting the Android platform and its compatibility with plugins of the Kindle readerapp.
* Used RxJava as a library for composing asynchronous and event-based programs by using observable sequences.
* Worked on automated **UI** Acceptance testing using the Xamarin TestCloud.
* Used project libraries like Android Support Library, Dagger, Butter Knife, Event Bus, View Pager, Rx JAVA, ORM-LITE, and another commonlibrary.
* Used GIT for project management and versioncontrol.
* Performed test cases for the smooth functioning of Immersion reading using both the Gradle and ANT build Systems.
* Good knowledge and implemented interfaces like JavaJNI and HAL like issuing requests for captured results to the camerasubsystem.

**Environment**: Android SDK, Xamarin, Google Maps, XML, HTML, Dagger, Retrofit, RX Java, Appium, Robotium, Roboelectric, Espresso, Agile Environment, Ok Http, Objective -C.

Android App Link:<https://play.google.com/store/apps/details?id=com.mastercard.mastercardforyou&hl=en_US>

IOS App Link:<https://apps.apple.com/us/app/mastercard-for-you/id1095630542>

**Apr 2017-July 2018**

**Client: Meijer, Grand Rapids, MI.**

**Role: Android Developer.**

**Description**: Meijer Inc. is an American supercenter chain throughout the Midwest, with its corporate headquarters in Walker, Michigan, which is a part of the Grand Rapids metropolitan area. Founded in 1934 as a supermarket chain, Meijer is credited with pioneering the modern supercenter concept in 1962.

# Responsibilities:

* Worked in distinct phases of the project cycle like design, development, and testing.
* Experience in Android/Mobile Architecture and their components like Activities, Fragments, Services, BroadcastReceivers,ContentProviders,Intentsand**IntentFilter,GCM,WebSockets**,andGeo-Location.
* Implementation of Xamarin Mobile component for **devicelocation**.
* Created Angular2 components using **Typescript** implemented interpolation, Input variables, Bootstrapping, **NgFor, NgIf, Router** Out-let, binding the events, decorators.
* Used Dependency Injection to communicate between Components using Typescript.
* Implemented backend components including Intents, **AsyncTask, Services,** and WebServices.
* Implemented the web services client to consume the third-party service API (like Picasso, Volley) for validating creditcards.
* Involved in Software Change and Configuration **Management**, **Release Management**.
* Migrated multiple components to **Kotlin** making use of the new extension functions, delegate properties, and avoid Null Pointer Exceptions.
* Used **React Js** components, Forms, Events, Keys, **Router plus Redux** to create client side applications to send and receive requests.
* Used **React-Router** to turn application into Single Page Application.
* Implemented **Kotlin** with Android content providers for implementing features like sending E-mails, SMS, etc. from the app
* Used Android **Kotlin** integrated Push Notifications to notify user updates for Account information.
* Implemented Google Maps API v2 with forward and reverse geo-location. Developed custom Java and **Kotlin** UI libraries for use by third-party app development vendor.
* Implemented offline functionality for a shopping list to display the message. If the user is offline and hasn't been shown the message that day, display themessage.
* Responsible for working on Custom UI widgets for summary and Worked on memory leaks using DDMS and LeakCanary.
* Integrated location-based services using Google Maps API to display locations of the nearest bank and servicecenters.

**Environment**: Android Studio, Kotlin,Android SDK 3.2, 4.1, SQLite 3.8, Eclipse IDE 3.5, Android API,JDK 1.6, XML, JSON, Services, and Receivers, Restful API, SQLite, GPS service, Log cat, Windows.

App Link: <https://play.google.com/store/apps/details?id=com.meijer.mobile.meijer&hl=en_US>

**Jun 2014-Mar 2017**

**Client: Equifax, Atlanta, GA**

**Role: React Native Developer.**

**Description:** Equifax Inc. is a consumer credit reporting agency. Equifax collects and aggregates information on over 800 million individual consumers and more than 88 million businesses worldwide.

# Responsibilities:

* Used **ReactRouter** for routing the redux app to connect redux and react to support routes.
* Developed various screens for the front end using **React native JS** and used various predefined components from **NPM** and **Redux**.
* Experienced in **React native JS** and working with **React native Flux** architecture. Used React native-Router to turn the application into Single Page Application.
* Worked on React native JS Virtual Dom and React native views, rendering using components that contain additional components called custom HTML tags.
* Worked in using **React native** components, Forms, Event, Keys, Navigation, and Redux concepts.
* Worked on the state, specs, props, and events to create interactive React JS components.
* Implemented MVVM architecture using **React** and **Redux** framework.
* Developed the flux pattern by using the redux framework as a core dependency.
* Experience with common front-end development tools such as Babel, Webpack, and NPM.
* Developed UI patterns using **NodeJS** with **Bower** and **Yeomen** package managers.
* Managed state within the app using Redux and persisted certain parts of the state to the device via Redux Persist
* Used **Middleware, Redux-Promise** in application to retrieve data from Back-End and to also perform **RESTFUL** services.
* Achieved native navigation by using react- native-navigation created a fork for adding features to fit design needs.
* Used **Redux Framework** architecture (like Reducers, Containers, Saga) for integrating the data with **React- Native** Application.

**Client: Hornet Info Tech, Hyderabad. Nov 2013-May 2014**

**Role: Android Developer**

**Description**: Hornet is dedicated to developing effective outsourcing partnerships with clients to accelerate time to market, reduce operational costs and empowering them to devote more time to their core business.

# Responsibilities:

* Understanding the requirements of themodule.
* Developedtheapplicationtoadapttovariousorientationsupportandresolutionsbasedonthedevice.
* Responsible for the development of all application components and **UI**resources.
* Performed testing on Physical device and the androidemulator.
* Built compatibility with android version 1.5 topresent.
* Custom Alphabetical Dictionary integration, rearrange, and move cards in deck feature, search cards feature.
* Developed the **SQLite** database to store data and enable features to workoffline.
* Responsible for executing the code, deploying the application, and fixing thebugs.

**Environment:**HTML5, CSS3, JavaScript, SASS, Angular 1.0, Angular. JS, NodeJS, Ajax, JSON, REST APIs, Agile, GIT, JIRA, Karma, Jasmine

**Mar 2012-Oct 2013**

**Client: Hidden Brains, Hyderabad.**

**Role: Java Developer.**

**Description**: Hidden Brains InfoTech Pvt. Ltd is an Enterprise Web & Mobile Apps Development Company. With an industry experience of over a decade, we offer a plethora of client-centric services by enabling customers to achieve competitive advantage through flexible and next-generation global delivery models.

# Responsibilities:

* Development, Testing, Maintenance, and productdelivery.
* Developed a scalable and maintainable application using the **J2EE Framework, Hibernate, MVC** Model, Struts, and **J2EE** DesignPatterns.
* Prepared SOW (Statement of Work) by communicating with agencies and organized meetings about requirements.
* Followed**Java**&**J2EE**designpatternsandthecodingguidelinestodesignanddeveloptheapplication.
* Extensivelyused**JSTL**tagsand**Struts**taglibraries.UsedStrutstilesaswellinthepresentationtier.
* Developing the application using Struts and Spring-basedframeworks.
* Done with Server-side validations using the Struts Validationframework.
* Processed **JSON** response data by consuming **RESTful** web services and used an Angular filter for implementing searchresults.
* Developed the Action Classes which is in between view and model layers, Action Form Classes which is used to maintain session state of a web application, created JSPs (Java Server pages) using Struts tag libraries and configured in struts-config.XML, web.xmlfiles.
* This application is designed using **MVC** architecture to maintaineasily.
* Created new Soap services using **JAX-WS**specifications.
* Wrote JUnit test cases fortesting.

**Environment:** Java, Struts, Hibernate, JSP, Servlets, SOAP UI, HTML, CSS, JavaScript, JUnit, Apache Tomcat Server, EJB, NetBeans.