**SABIHA SHAIK**

**Android Developer**

**Ph No: (401) 526-3067**

**Email Id: shaiks.dev@gmail.com**

**PROFESSIONAL SUMMARY:**

* A qualified Professional with 7 years of experience in Information Technology in design, development, implementation and maintaining mobile applications and experience in Android application development using Android SDK.
* Knowledge of Android lifecycle and application properties.
* Development for Android 2.3.3 (Gingerbread) compatibility with API 10 up to Android 5.0 (Lollipop).
* Knowledge ofAndroid UI Design best practices, including Resolution independent applications, Designing and implementing effective navigation, UI components in practical layout to maximize ease of use and organize data efficiently, Themes and styles to match application atmosphere.
* Experience using new material design format with Android 5.0, using new properties such as elevation and custom animations, and Bluetooth hardware components.
* Good understanding of Web Services, XML parsing and JSON.
* Expert knowledge of core Java programming and OOP patterns: class hierarchy, interfaces, abstract classes and methods, overriding, overloading, static variables and methods, threads and thread safety, common utility classes, data structures, volatile, serialization, throwing and catching exceptions.
* Active experience in developing Android Applications using Core Java and Android APIs (Data Storage using SQLite, Multi Media Connectivity, Location and sensors).
* Experience with JSON and XML as data formats, storing, retrieving and parsing.
* Used jQuery for validation functions of various applications.
* Experienced in client web technologies such as HTML, DHTML, CSS, XML, JavaScript and AJAX.   
  Experience with JSP for server-side operations such as databases.
* Experience with MySQL database and data queries as a backend for applications.
* Good understanding in third party libraries and techniques such as Dagger, RxJava and Retrofit.
* Experience in ANGULAR JS a JavaScript framework.
* Strong knowledge of Android basic components i.e. Activity, Fragment, Service, Broadcast Receiver and Content Provider
* Experience in TDD with unit tests using frameworks.
* Expertise in developing apps using SQLite, Java, XML and HTML5
* Extensively worked on memory leaks, data offline usage, push notifications, content providers, multiple screen support, accounts and sync on Android
* Good exposure in developing GUI using Interface design principles for Android mobile and tablet devices.
* Experience with source code control management such as GIT and issue trackers like JIRA.
* Strong expertise in creating responsive UI for various screen resolutions.
* Expert in Software Development Life Cycle (SDLC), object-oriented analysis and design methodologies. Strong experience with version control and defect tracking processes.
* Experienced working with AGILE and SCRUM methodologies.
* Ability to grasp and master new technologies, excellent analytical and problem-solving skills.
* Able to take initiative; work independently and as a team player.

**TECHNICAL SKILLS:**

**Development Tools :**Android Studio, IntelliJ IDEA, XCODE, Eclipse, Net Beans 6.X, MS

Visual Studio, IBM Worklight, Photoshop, Sublime Text, Atom.

**Web Technologies :**XML, JSON, JSP, Servlets, CSS, HTML 5, AJAX, JavaScript, AngularJS,

NodeJS, jQuery Mobile, Spring MVC Framework & Hibernate.

**Debugging and Testing Tools :** JUnit, DDMS, Logcat

**Databases :** MySQL, SQ Lite, Realm Database, Oracle RDBMS, MS Access

**ProgrammingLanguages :**JAVA, C, C++

**WebServices :** Android SDK, HTTP, Restful Web Services, Google APIs, XML, JSON,

DOM parsers, SAX parsers

**IDE :**Android Studio, Intellij IDE, Eclipse

**Operating System :**Windows (2000/XP Professional, Windows 7, Windows 8).

**EDUCATION:**

**Bachelor of Technology in Computer Science and Engineering**

Acharya Nagarjuna University, India

**PROFESSIONAL EXPERIENCE:**

**Client: Amica Mutual Insurance Company - Lincoln, RI April 2017 to Present**

**Android Developer**

**App link:** [**https://play.google.com/store/apps/details?id=com.fivemobile.amica.fnol&hl=en**](https://play.google.com/store/apps/details?id=com.fivemobile.amica.fnol&hl=en)

**Description:** Amica is a direct writer of personal insurance with auto, homeowners, personal excess liability and marine coverage. The company is known in the insurance industry for its financial strength and exceptional customer service.

The project aims at developing the online claim report service for the customers and adding the reason for the claim. My work was to develop the Customer center, Membership center, Agent center and Back Office Integration modules.

**Responsibilities:**

* Involved in the requirement analysis and design phases to comprehend technical assessments, and to participate in implementation with minimal errors.
* Designed payment and customer information page for collecting and validating customer-sensitive information such as credit card, billing address, SSN, etc.,
* Used GitHub extensively to collaborate with the team.
* Worked on documentation and involved in maintenance and support.
* Developing technical specifications and plans.
* Implemented TDD testing mechanism and build Unit test cases using JUNIT.
* Edited web pages for achieving design goals with CSS3, JavaScript and JQUERY.
* Created Rest API for this app using NodeJS and MongoDB.
* Developed Web API using NodeJS, ReactJS and React Native and hosted on multiple lead balances API instances.
* Maintained test driven development across the modules using Mockito, Espresso, and
* Roboelectric.
* Assigned a Geographical location to all the TDD sensors in the Estimate application to use the location services.
* Implement location finder to track the place of damage by using GPS technology.
* Integrated beacon technology for creating location based notifications in convention event applications
* Monitoring traffic of all the beacons using their Unique Identifier and Release values (Giving push notifications like 'Enter' and 'Exit' notification).
* Implement Tab Navigation Handled designing and developing responsibility fortheapplication.
* Notification service to inform the user about claiming file successfully, lucrative offers and version update.
* Worked on large complex existing codebase in latest Android SDK, Android Studio and APIs using TDD and dependency injection design concepts.
* Implemented dynamic table structure for some screens.
* Implemented system-level security features.
* Maintained test driven development across the modules using Espresso
* Implemented Shared Preferences for the customers to retrieve their application preferences.
* Involved in designing and developing the GUI for the user interface with various controls.
* Involved in write application level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Implemented Singleton design pattern to pass through the object into different fragments.
* Implemented Fragmentation for levels of variation range from differences in device hardware such as display resolution and size.
* Worked with Navigation Drawer for better connectivity within the app.
* Responsible for consuming the REST services, getting JSON response and parsing them to get the required information.
* Implemented RxJava and RxAndroid to implement a new web to consume a web service without block the UI main thread.
* Implemented the required GUI by making modifications to the XML files.
* Used RxJava for asynchronous data operations.
* Worked on HTML, CSS, JavaScript, AJAX, JQuery mobile, Bootstrap, JSON, XML and native Android.
* Well versed with Source Version Control tools like Github.
* Pair programmed with different people throughout the project.
* Utilized Retrofit 2 to consume REST API and return results displayed using RecyclerView.
* 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.
* Also used Test Driven Development (TDD) approach to develop clean code that works.
* Worked on debugging the application using Log cat, DDMS.
* Tested the application on various Android devices.
* Experienced in a fast-paced Agile Development Environment including Test-Driven Development (TDD) and Scrum.
* Tested the app on different versions of Android and different android phones to assure quality and performance.
* Used GitHub for Repository.
* Managed tasks within Agile framework, cleared Sprinted tasks and controlled JIRA workflow.
* Created and used SQL Queries, Scripts and Stored Procedures for data validation.
* Knowledge of Quality Assurance standards, software development methodologies like Agile Scrum.
* Proven ability to work effectively in a team environment and capable of learning new technology and adapt to a new environment quickly.

**Environment:** Android SDK, Java, SQLite, Eclipse IDE, GIT, RESTful, XML, JSON, GitHub, Log cat, HTML5, CSS3,JS.

**Client: Credit Suisse - New York, NY March 2016 to Feb 2017**

**Android Developer**

**App Link:** [**https://play.google.com/store/apps/details?id=com.csg.cs.mobile.dcf.prime**](https://play.google.com/store/apps/details?id=com.csg.cs.mobile.dcf.prime)

**Description:**Banking app helps customers to manage money on the move and around the clock. Credit Suisse Prime Services is pleased to provide mobile access to review and approve Cash Wires via Android devices. Other features of the app include, approve individual or multiple Cash Wire payments, Reject individual requests.

**Responsibilities:**

* Co-ordinated with Business groups for abetter understanding of functional requirements.
* Actively participated in theday-to-day meeting, status meeting, strong reporting and effective communication with theproject manager.
* Developed different projects separately in both Eclipse and Android Studio.
* Creating various custom views for the application using standard Android components, database, services and various UI widgets types.
* Implemented UNIX utilities using shell script for data validation, manual job submission, restarting failed jobs, etc.
* Worked with Web Services team to implement the backend support.
* Worked on the NDK in addition to SDK to integrate the native code to enhance the performance of CPU intensive operations.
* Maintaining test automation code in GitHub.
* Used BitBucket for maintaining the source code.
* Utilized UI wireframes, visual docs and specifications to support Android apps.
* Implemented Unit Testing using Espresso
* Porting the entire software to use shared libraries on the Tandem OSS and Linux which involved modification of make files as well as changes to C/C++ code.
* Designed and developed several scripts using SQL and created a database using Oracle with stored procedures and triggers.
* Synchronizing the server for getting the credit and due balances of the customer.
* Created a new XML layout with Android Map View to display the location Map and defined the layout that can be reused.
* Collaborated with the team by using the version controller **GIT** HUB.
* Developed an app using the Google Play Services APIs like Web Services for directions and places in client applications.
* Designed new version of the app by implementing register and login screens including UI and functionality.
* Debugged the code using TDD and eliminated the occurrence of expectations.
* Involved in troubleshooting application related issues by analyzing log files created in Linux/Unix environment.
* Experience using debugging tools such as DDMS, logcat and Android device monitor.
* Engaged in constructing automated unit testing, performing usability testing on UI, ad hoc testing based on test and fault models.
* Authenticated to third party services using OAuth2.0.
* Tested the application using Espresso and UI Automator automation tools.
* Used GIT for version control and Gradle as a build tool.
* Tested the app on various versions of Android and different Android mobile devices to assure quality and performance.

**Environment:** Android Studio, Eclipse, JavaScript, SQL, UI, HTML, jQuery Mobile, GitHub, Web Services, XML, Android Map View, API, MySQL, OAuth2.

**Client: Icrea Infotech, Hyderabad, India May 2013 to Oct 2015**

**Android Developer**

**Description**: Icrea is an organization that has always put Quality and Customer Satisfaction at the fore-front. Icrea has rich experiences in developing solutions for healthcare unit.

**Responsibilities:**

* Designed the User Interface with thenavigation bar, view pager.
* Implemented Multithreading for handling multiple requests and for high performance.
* Made Restful Service Calls using Google's Volley Library at various stages in application development cycle and parsed responses back from the web servers as per the application requirement
* Worked with Google Maps AndroidAPI V2 to display the all locations with markers using Geocoder
* Designed and created customize Dialog boxes.
* Involved in Designing the Database Schema and writing the complex SQL queries.
* Extensively worked on designing the layouts to be compatible with multiple screen sizes.
* Worked on testing the application using the JUnit testing framework.
* Used Web Services and networking to parse xml online data from server.
* Responsible for testing the application onthestage, code review fixing bugs and providing production support.
* Developed web services for sending and getting data from different applications.
* Performed on-device debugging using ADB and tested application in both emulator and device.

**Environment**: Android Studio, Android 4.2 API (API level 17), IntelliJ IDEA, REST

**Client: INFOSAGE IT - Hyderabad, India. July 2011 to March 2013**

**Java Developer**

**Description:** Online Invoices is a comprehensive Accounts Payable and HR Administration automation solution for enterprise approval and exception processing. Using Advanced Forms Processing and Optical Character Recognition, the solution will match invoice data to corresponding vendors, accounts,and purchase orders. Overall cost per invoice is minimized by addressing common exceptions, such as price discrepancies, new vendors, coding corrections, duplicate invoices, and invoice short pay.

**Responsibilities:**

* Involved in Requirements analysis, design, and development and testing.
* Designed UI using HTML, DHTML, Java Script, CSS, JSP and Taglibs.
* Used Java script for client side validations.
* Configured weblogic JDBC connection pools with database like Oracle 9i/8i.
* Developed SQL queries to store and retrieve data from database & used PL SQL.
* Applied the patches to the WebLogic servers.
* Used Struts framework to maintain MVC and created action forms, action mappings, DAOs, application properties for Internationalization etc.
* Used Struts Validation framework to do business validation from the server side.
* Involved in developing business components using EJB Session Beans and persistence using EJB Entity beans.
* Used JMS for Asynchronous messaging and developed the application using Eclipse IDE.
* Involved in fixing defects & tracked them using QC & Provided support and maintenance and customization.
* Developing customized reports and Unit Testing using JUnit.
* Involved in running PMD defects & Find bugs.
* Dealt with business processes and Updated Project documents.
* Involved in fixing IST, QA, UAT & Production defects.
* Following Coding guidelines & maintain the quality of code.
* Involved in building the code & deploying on the server.
* Involved in fixing defects & tracked them using QC & Provided support and maintenance and customization.
* Developing customized reports and Unit Testing using JUnit.
* Supported the application in IST, QA, and Production environments.
* Involved in building the code & deploying on the JBOSS application server.

**Environment:** Core Java, J2EE, JSP, J Boss, Oracle, Eclipse, EJB-Session Beans, Entity Beans, JMS, XML, HTML, Java Script, CSS, AJAX, SVN, Struts, XML, QC.

**Client: Login It Technologies- Hyderabad, India. Oct 2010 to June 2011**

**Java Developer**

**Description:** PRS or Price reporting system is responsible to publish the rates to the customers and as to maintain the users across the FedEx locations and its subsidiaries. It interacts with the customer fusion and existing legacy systems to access the customer information and legacy data.

**Responsibilities:**

* Involved in SDLC- Requirements gathering, Conceptual Design, Analysis, Detail Design, Development, System Testing and User Acceptance Testing
* Implemented Use Case Diagrams and Sequence Diagrams during the design phase using Rational Rose.
* Developed user interface with Servlets and JSP.
* Responsible for creating Servlets, which route submittals to appropriate Enterprise Java Bean (EJB) components and render retrieved information.
* Involved in implementing the DAO pattern for database connectivity and used the JDBC API extensively.
* Used Agile approach for the Software Development
* Designed and developed the UI using JSP, HTML, CSS, and JavaScript.
* Also worked with the PDF and EXCEL format file download of user data on JSP's whenauser wanted to save his/her personal data on JSP page tables.
* Extensively used WSAD 5.1 while writing code & used VCS for version control.
* Deployed and tested the prototype on WebSphere Test Environment 5.1 and contributed to deployment and maintenance on WebSphere Application Server 5.1

**Environment:** IBM WebSphere 5.1, Servlets, JSP, XML, EJB 2.0, JDBC, Oracle 9i, UML, DHTML, CSS, HTML.