**AKHILA PABBA**

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**PROFESSIONAL SUMMARY**

* Over **8**years of experience in analysis, design, development, implementation and testing client, server and enterprise applications using Java and **J2EE** technologies.
* Proficient with **Android** application development lifecycle from application creation to deployment in **Google Play**
* Experienced in entire application development process: requirements specification, design, implementation, testing and maintenance
* Expertise in IDE’s like Eclipse and **Android Studio** for developing android applications.
* Experience in using **Fragments, Activity workflow, Action Bar Navigation, Menu designs and view controls, and Loaders.**
* Expertise in designing the backend database for data storage and retrieval using **SQLite** and **SQL** for other bigger applications.
* Working experience in consuming **RESTful** web services to fetch data for mobile front end and parsing the **XML** and **JSON** response using different parsers
* Skilled in implementing **UI/UX** of android application development for front end design
* Experience using version control software such as **SVN**, GitHub for effective code maintenance, tracking, logging and deployment
* Proficient with common **Android Framework API’s** (Location, Camera, Notifications, Maps).
* Designed **GUI** and **interfaces with services** for mobile applications.
* Experience in using Storage options in Android like **Shared Preferences.**
* Excellent debugging and problem-solving skills with **Eclipse, IntelliJIDEA and RAD.**
* Experience in various methodologies like of **SDLC** like **Agile** development and **waterfall** development.
* Extensive experience in **requirement analysis, functional analysis, excellent conceptual and logical thinking.**
* Experience with Google Analytics.
* Proficient in all the phases of Software Development Life Cycle (SDLC)
* Worked extensively in developing mobile-based and advanced web-based applications using **Java, Servlets, JSP, Struts, spring, Hibernate, JDBC, UML, HTML, XHTML, JavaScript, JDBC, and Oracle**.
* Worked on GUI applications using **Java SWING** and **AWT**.
* Proficiency in developing applications using **Struts** frame work, **spring** and **hibernate.**
* In-depth knowledge of industry practices and application development protocols
* Effective communication, problem solving, technical and organizing skills with ability work in a team environment or work independently and always keen to learn and understand new technologies.

**TECHNICAL SKILLS**

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| --- | --- |
| **Technologies** | Android 2.3-4.4, Java, C, J2EE (JSP 1.2/2.0,Servelets 2.2/2.3/2.4, EJB.  2.0/2.1/3.0), Struts1.3/2.0, JavaBeans, JSF 1.2/2.0, Web Services, Spring2.0.x/2.5.x, Hibernate.3.0/3.1.1/3.2, JMS 1.1, JDBC 3.0, JavaScript 1.8.x, SOAP 1.2, JUnit, JSP, Phone gap. |
| **Scripting Languages** | JavaScript, UNIX ShellScripting, Perl, PHP, JQuery. |
| **Java API** | Android API, Google Ajax Search API (REST API), Google Weather API |
| **Markup Languages** | HTML 5, XML, XHTML, JSON. |
| **Programming languages** | C, C++, Java |
| **Servers:** | Web Logic8.1/9.2, Apache Tomcat 6.0, JBoss 5.0, Glass Fish. |
| **Debugging Tools** | Log cat, DDMS, J Unit. |
| **RDBMS** | Oracle 10g, SQLite, MySQL |
| **IDE’s** | Android Studio, Eclipse, Net beans, IntelliJIDEA, Appcelerator. |
| **Operating Systems** | Windows (2000/XP Professional, Windows 7, Windows 8), Ubuntu, Fedora, Macintosh. |

**EDUCATION**

* **Bachelor of Information Technology**

**PROFESSIONAL EXPERIENCE**

**ESPN, Bristol, Connecticut. August 2015 - Till Date**

**Android Application Developer.**

**App link:**[**https://play.google.com/store/apps/details?id=com.espn.score\_center&hl=en**](https://play.google.com/store/apps/details?id=com.espn.score_center&hl=en)

**Description:**

**ESPN mobile application is one of the best sports application in the market. The application gives you up-to-the-minute scores and news with loads of video highlights. We should sign in and customize the ESPN App to get scores, news, and alerts from all of your favorite teams and leagues.**

**Responsibilities:**

* Participated in sprint planning meeting to decide the project component backlog and reported updates during the daily **SCRUM** meetings.
* Collaborated with the database team to acquire database Schema, **URLs** and support.
* Parse the data that were coming as **JSON** format using **Android’s** built-in **JSON**Object library.
* Worked with **Localytics** and **Omniture** for Analytics.
* Used **GIT** for version control.
* Test and error logging on different versions and devices of Android.
* Implemented an error reporting system for future development support.
* Used **SourceTree**for Git desktop client.
* Worked with design/UX team to create user-friendly and full functional **UI**.
* Mostly worked with the bug fixing in the application.
* Applying the Material Designing for some components in the application.
* Researched technical issues and provided recommendations.
* Used **Charles** as an HTTP proxy / HTTP monitor that enables a developer to view all of the HTTP and SSL / HTTPS traffic between their machine and the Internet. This includes requests, responses and the HTTP headers (which contain the cookies and caching information).
* Involved in developer testing by porting the app on multiple devices with various screen sizes.
* Followed the agile methodology in the project implementation.
* Download and upload content from back end web server via **REST API**.

**Environment:**Java, Android SDK, ADT, Android Studio, Google Maps API, XML, JSON, REST.

**Cintas Corporation, Mason, OH. March 2015 – July2015**

**Android Application Developer.**

**Description:**This is the internal / enterprise application, which is used by the Cintas employer’s. It is an uniform rental company, besides of the uniforms they also supply many office goods. SSR’s who goes on the route trip uses this application to keep track of the activities they usually do on the route. This application consists of the whole week route details and all the customers details.

**Responsibilities:**

* Designed and coded application components in an agile environment utilizing a test driven development approach.
* Webservices and maintained project tasks and schedules.
* Worked on the different phases of the development cycle, expanding the existing design, development of new features, testing and deployment.
* Design screens using **MVC** pattern for the application with Appclerator.
* Create and edit **UI/UX** for a Titanium Alloy application.
* Working Experience with 3rd party APIs – from Google Maps APIs, to 3rd party vendor calls.
* Experience with web services integration utilizing **JSON and/or XML.**
* Expertise in using version control tools (e.g. Git)
* Experience using **RESTful APIs** to integrate mobile applications to server side systems
* Designed and developed the App screen navigation using **Dialog boxes, ActionBar Navigation control** and designed **Menus** based on the user context.
* Built HTML, CSS and presentational JavaScript, user interface wireframes, and/or detailed written specifications.
* Scaling to ensure the application responds as the business demand grows.
* Optimizing and automating enterprise-level deployment practices.

Practicing a test-driven development approach.

**Environment:** Android Version 2.3.3-4.1.1, Android SDK, Apccelerator, Java, J2EE, JavaScipt, Google Maps API, Eclipse IDE, windows 7, HTML 5.0, XLX, XML.

**Wells Fargo, Des Moines, IA June 2014– February 2015**

**Android Application Developer**

**App link:**<https://play.google.com/store/apps/details?id=com.wellsfargo.mobile.merchant&hl=en>

**Description:** The application supported a secured log-in system to the existing Wells Fargo system for personal account holders The Payment processing is made simple with Wells Fargo mobile merchant. This app enables you accept card payments from your mobile device helping you process payment quickly and securely. The Wells Fargo Mobile Merchant app turns your Smartphone or tablet in to a mini card processing terminal and it supports all major cards and provides real time processing and capabilities.

**Responsibilities:**

* Design screens using **MVC** pattern for the application with Eclipse IDE.
* Responsible for designing and implementing **Location based service** using **Google Maps API** that enables to search the nearest ATMS located.
* Designed the **architecture and User Interface** (UI/UX) using client requirements and use–cases.
* Used **Android NDK** to create the library files to be used by Services.
* Developed App screens and its workflow using **Activity and Fragments** which has views such as List View and Scroll View.
* Download and upload content from back end web server via **REST API**.
* Analyzing application with **Trace View tool** to improve performance.
* Analyzing layouts with **Hierarchy Viewer.**
* Used **GIT** for version control.
* To send dynamic notifications we used **push notification.**
* Design and Development of **Android native client application**.
* Implementing **Broadcast Receivers** for Android.
* Test and error logging on different versions and devices of Android.
* Implemented an error reporting system for future development support.

**Environment:** Android Version 2.3.3-4.1.1, Android SDK, NDK, Java, J2EE, JavaScript, Google Maps API, Eclipse IDE, windows 7, HTML 5.0, XLX, XML.

**Costco, Issaquah, WA August 2013 – May 2014**

**Android Application Developer**

**App link:**<https://play.google.com/store/apps/details?id=com.costco.app.android&hl=en>

**Description:** Costco mobile app allows customers to shop from their mobile devices, get various deals and offers, get information about the nearest Costco warehouses and upload photos from mobile devices to the Costco photo center. My responsibility was to implement several UI components for nearest warehouse on the map, view offers, offer details and option activities.

**Responsibilities:**

* Participated in sprint planning meeting to decide the project component backlog and reported updates during the daily **SCRUM** meetings.
* Collaborated with the database team to acquire database Schema, **URLs** and support.
* Parse the data that were coming as **JSON** format using **Android’s** built-in **JSON**Object library.
* Design local database and tables in the app to store the data locally using **SQLite**.
* Implemented the database using 3-level database design model.
* Implemented optimized **ListView** to show the menu data on the menu activity.
* Worked on and development and used **OpenGL ES2** libraries.
* Designed and implemented UI interface to interact with the users to take the order information.
* Developed the components using **OOP** way to maximize scalability – building individual classes and interfaces.
* Created test cases to unit test the developed components.

**Environment:** Java, Android SDK, ADT, Android Studio, XML, JSON, REST.

**Health Tap, San Ramon, CA September 2012 – July 2013**

**Mobile Application (Android) Developer**

**App Link:** [**https://play.google.com/store/apps/details?id=com.healthtap.userhtexpress&feature=search\_result#?t=W251bGwsMSwxLDEsImNvbS5oZWFsdGh0YXAudXNlcmh0ZXhwcmVzcyJd**](https://play.google.com/store/apps/details?id=com.healthtap.userhtexpress&feature=search_result#?t=W251bGwsMSwxLDEsImNvbS5oZWFsdGh0YXAudXNlcmh0ZXhwcmVzcyJd)

**Description:** Health Tap is a mobile application developed for HealthTap.com. It is created to provide and share information among the social network of community members. The members can report symptoms, conditions, actions, and the results of the actions they are taking to live happier, healthier lives. Experts can post their answers and suggestions to the user’s questions.

**Responsibilities:**

* Developed the User Interface layers and the web modules for the activities including Home Screen, Sign In, Profile, Settings, and Questions.
* Used **Android SDK 2.0** and Eclipse **IDE** for development.
* Used multi threading to implement parallel processing.
* Utilized web-services (HTTP**based, XML, SOAP, JSON** or other services), in order to tie our applications to critical server-side A**PIs**.
* Developed necessary **DAOs** (Data Access Objects) for client.

**Environment:** Java, Android SDK, Eclipse 3.4/3.5, JSON, SOAP, Image Downloader.

**Top Words, Cyber, New York, NYFebruary 2012- August 2012**

**Android Developer**

**Description:**This application will develop and focus on the vocabulary aspects of the test for SAT, a standardized test for college admissions in the United States. This app will emphasis on different English vocabulary words that are commonly featured in the exam.

**Responsibilities:**

* Wrote technical specifications and maintained all reports pertaining to application development process.
* Responsible for consuming the **REST** services, getting a **JSON** response and parsing them to display on the user screen.
* Used S**QLit**edatabase for local data storage.
* Used the **Android**AsyncTask service to update **List View Screen**.
* Worked with design/UX team to create user-friendly and full functional **UI**.
* Involved in developer testing by porting the app on multiple devices with various screen sizes.
* Worked closely with **QA** team with fixing bugs and performance issue

**Environment:** Eclipse IDE, Android SDK 2.2 and above, JDK, XML and JSON parsing.

**American Century Investment, Mountain View, CA    June 2010 – January 2012**

**Java Developer (Remote)**

Among top 10 Investment banking sector American Century Investment currently managing more than $120 Billion assets in the form of mutual funds and other fixed incomes. The project was about QESS, Quant Equity Support System and POMS, Portfolio Order Management System. QESS project provides all the necessary tools, interface to the Business partners, Portfolio managers to research the current market and invest the funds in the form of stock into the market.

**Responsibilities:**

* Designed and coded application components in an agile environment utilizing a test driven development approach.
* Webservices and maintained project tasks and schedules.
* Provided programming estimates, identified potential problems and recommended alternative solutions.
* Working with**Spring**, **Spring MVC** and Struts and also developed **WEB APP** using these frameworks.
* Created web pages for each project using **XHTML, CSS, and Java Script**.
* Developed SOAP based Web Services using **JAXB.**
* Experience in working with IDE’s like Eclipse, Spring **MVC.**
* Developed web services components using **XML, SOAP** and **Axis**.
* Developed **SOAP** based Web Services using JAXB.
* Developed web components using **MVC** pattern under S**trutsframework**.
* Wrote **JSPs, Servlets** and deployed them on **Weblogic** Application server.
* Wrote Oracle PL/SQL Stored procedures, triggers, views for backend database access.
* Used JSP’s **HTML** on front end, **Servlets** as Front Controllers and **Java Script** for client side validations
* Web sphere used in create applications and integrate applications with other applications.
* Designed, developed and maintained the data layer using **JDBC** and performed configuration of **JAVA** Application Framework
* Developed Unit test cases for the classes using **JUnit**.
* Developed and maintained Ant Scripts for the build purposes on testing and production environments.
* Application developed with strict adherence to **J2EE** best practices.

**Environment: Core** Java, J2EE, JSP, Servlets, JSF, Spring MVC, IBM Websphere, Java Script, CSS, Angular JS, Struts, Oracle, SQL/PLSQL, JUnit, WebServices, Apache Tomcat Server, Linux, HTML, XML, XHTML, CVS, Windows.

## InfoTech Hyderabad, India September 2007– April 2010

**Project# 1: SAM Program**

**Java Developer**

**Description:**The Service Automation (SAM) Program is to develop a technology platform, which will facilitate effective automation of customer service business processes in order to consistently achieve high level of process efficiency. This system provides customer care case management and document creation process. This system will enable a user to search for accounts based on a customer inquiry, find a customer’s account and track the interaction

**Responsibilities:**

* Worked on Full Cycle of Software Development from Analysis through **Design, Development, Testing, Integration, Deployment.**
* Extensively used **MVCFramework**.
* Development using **Struts, spring, Hibernate** frameworks.
* Designed and developed User Interface of application modules using **HTML, JSP, CSS, JavaScript, JQuery** and **AJAX.**
* Design and development of modules using **MVC.**
* Developed Struts Action Classes, Action Forms and performed Action mapping using Struts framework.
* Worked on **XML, XSLT, XPATH, DOM, and SAX**.
* Created **XML-SOAP** Web Services to provide partner systems required information.
* Used **Web sphere Application Server** for deploying the application.
* Used **Rational Application Developer** (RAD) for developing the application.
* Used L**og4j** for logging debug, info & error data.
* Involved in storing paper forms into **IBM** Content Manager after converting them to images (.jpeg, .tiff, etc) and also storing Electronic forms.
* Prepared Unit Test Plan & performed Unit Testing using JUnit.
* Used **JIRA** for bug tracking.
* Used **SVN** as version control system for the source code.
* Done Regression Testing to make sure that new Functionality is not impacting existing functionality in the system.
* Developed **Test Plan** and **Test Cases.**

**Environment:** Java, JEE, Web Sphere, Oracle, Ant, HP UNIX, Windows XP, JIRA, Servlets, JSP, Struts, Spring, Quartz, Hibernate, Pega CPM, XML, XSLT, XPath, DOM, SAX, UML, Crystal Reports, JBOSS, RAD, SVN, Ant

**Project#2: BRM Systems**

**Web Developer**

**Description:** Implementation of whole telecomm system using existing Billing and Revenue Management (BRM) System. Project by Expresso Telecomm Group from Ghana formerly known as Kasapa. Overall project scope was to implement new billing infrastructure and migrate existing customers to new system.

**Responsibilities:**

* Developed the User Interactive web pages in a professional manner using web technologies like HTML, XHTML and CSS2 based on the W3C and ADA standards.
* Gathered the data from the backend using **AJAX** and **JQuery,JSP.**
* Gathered data from **API/web services** via **AJAX-JSON** calls and updating the **DOM** within the result sets.
* Creating cross-browser compatible and standards-compliant **CSS** based page layouts.
* **Successfully implanted** entire Invoice Module using Oracle Business Intelligence (BI) publisher
* Under the guidance of Oracle Consultant **successfully implemented** JAVA executable code to produce invoices and automatically send it to respective customer.
* Successfully developed unique custom opcodes for **Balance Inquiry** and **Balance Transfer** with **zero defects.**
* **Improved the Functionality** of default **InvoicingOpcodes** to optimize and enhance the overall invoicing process of Oracle product: Billing and Revenue Management (BRM).
* Involved in coding pages with best Search Engine Optimization (SEO) techniques.

**Environment**: HTML, CSS, JavaScript, JQuery, AJAX, Usability Testing, Agile methodology, Eclipse, Oracle.