

Chaithanya Kaikala

Android Developer - Caterpillar Inc

- Email me on Indeed: [indeed.com/r/Chaithanya-Kaikala/67579edafe0bef4b](https://www.indeed.com/r/Chaithanya-Kaikala/67579edafe0bef4b)

- A motivated and security-oriented developer offering 7+ years experience in Software Designing, implementing and Development Experience in Java based applications.
- Around 4 years of experience on Smartphone and tablet development experience. Developed and architected multiple Android applications across versions.
- Experience in working with Android Marshmallow.
- Good understanding of Android Back-end and UI guideline
- Experience integrating with SimplyTapp APIs
- Expertise in designing, implementing and supporting impactful applications developed in diverse, collaborative environments for mobile and tablet devices on android platform
- Expertise in using Design patterns and object oriented methodologies to design software for mobile phones.
- Undertaken full life cycle of Android Application Development which includes testing on device and simulator as well.
- Experience in Androidopensourceproject.
- Experience in web service protocols such as JSON, HTTP, HTTPS, XML, and Hybrid-app using PhoneGap.
- Experience with mobile Wallet, Payment processing very desirable.
- Worked on user-friendly and fully functional applications for Android and HTML5.
- Extensively worked on memory leaks, push notifications, content providers, multiple screen support, data offline usage, accounts and sync on Android.
- Experience in emulators - Genymotion and Espresso, Robotiumframeworks.
- Experience in software development process, Test-drivenDevelopment.
- Experience with audio features, video features, graphics design, interactive design and animation.
- Experience in developing app's using Native Code Languages.
- Experience in Network Programming, skills in TCP/I programming.
- Experience in Testing Framework, Manual and automated.
- Experience in using Grade, jenkins.
- Knowledge on Dependency injection - Dagger/square etc.
- Have developed applications in such a way that device adaptability (Android device forms and SDK levels) is default architecture imperative.
- Good understanding of DynamicWebArchitecture, and expertise in developing.
- Expertise in developing applications using Java, J2EE, Struts, Hibernate and JSP.
- Have hands-on experience in complete project life cycle, with domain knowledge in Mobile Application Development and Web application development.
- Experience on JavaScript and PHP client-server side development.
- Experience working with Google Maps APIs, In-App purchases, In-App advertising, SQLite, Decoder API
- Exposure in cloud integration like Google Drive, Dropbox & Box with android application.
- Experienced of working on Android platform and customizing it as per requirements.
- Good exposure in troubleshooting and debugging android applications.
- Hands on experience in deployment & publish android application on Google Play market.
- Experience with IR.92/IR.94 standards and video conferencing protocols
- A valued team member with strong written communication, verbal communication skills, problem solving skills, customer service and interpersonal skills.
- A self-driven, goal oriented, customer focused software professional with proven ability to successfully work in all phases of Software development lifecycle.

- Good communication skills: I have interacted with customers regularly during development of the mobile applications.

Willing to relocate: Anywhere

WORK EXPERIENCE

Android Developer

Caterpillar Inc - Peoria, IL - December 2014 to Present

App:<https://play.google.com/store/apps/details?id=com.cat.gis.mobile.inspect&hl=en>

Description: Caterpillar is the leading manufacturer of construction and mining equipments, diesel and natural gas engines, industrial gas turbines, and diesel-electric locomotives. The project involved working on the CAT Sales application, which is available on Google Play Store, and which is used by Caterpillar and dealer sales personnel.

Responsibilities:

- Involved in requirement gathering, UI design and development.
- Worked on innovative background reflecting the user account status that changes according to user's account.
- Developed the same app as Hybrid Application to support other platforms also.
- Device specific needs were implemented with the help of PhoneGap.
- Worked closely with the testing team.
- Designed screens related to Categories and Detail description for Tablet for both 7 inch and 10Inch devices by customizing views as per mockup. Created Master-Detail Interface for tablet implementation.
- Updated backend validations to meet tablet specific requirements.
- Implemented unique design for portrait and landscape mode.
- Used web views, listviews&populatedlists to display the lists from database using simple Adapters.
- Responsible for consuming the REST services, getting JSONresponse and parsing them to getTherequired information
- Added parser classes for Tablet, which involved parsing JSONfeeds.
- Created custom UI classes for corresponding Misfiles
- Implemented data caching mechanism.
- Created supporting Home screen Widgets to display specials based on users Preferences.
- Upgraded the application layout to support Android 5.0 Lollipop.
- Created UI&functionality for authentication feature.
- Developed user-friendly UI using advanced design patterns that supports Android Marshmallow.
- Involved in development and enhancements of features to restrict the usage based on Authorization and Authentication tokens.
- Provided subsequent releases, which included feature changes, enhancements and bug fixes.
- Implemented Agile/scrum methodologies for completion of project before deadlines.

Environment: Android SDK, Eclipse IDE, XML, HTML5, REST services, JSON, PhoneGap.

Android Developer

play.google.com - San Jose, CA - June 2013 to November 2014

App link:<https://play.google.com/store/apps/details?id=com.cisco.androidcisco&hl=en>

Description: Cisco Systems is an American multinational technology company that designs, manufactures, and sells networking equipment. Networking and IT pros, get fast and easy access to product, service, training, and general information with the Cisco marketing app.

Responsibilities:

- Designed the database model in MySQL.
- Worked with the Android SDK, and implemented Android Bluetooth and Location Connectivity components.
- Implemented Google Maps API v2 with forward and reverse geo-location.
- Used SQLite to cache the data received from the RESTful web services.
- Constructing http requests, fetching server response and parsing feeds wherever required.
- Involved in requirement gathering and designing of the application.
- Responsible for consuming the REST services, getting JSON response and parsing them to get the required information.
- Integrated location based services using Google Maps API to display locations of the nearest stores.
- Used log cat, DDMS (Dali Debug Monitor Server) and trace view for debugging and detecting memory leaks.
- Implemented unique design for portrait and landscape mode.
- 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.
- Tested the application on various Android devices.

Environment: Java, Android SDK, JRules, J2EE, Oracle WebLogic, JQuery, Ant, XML, CSS, cTests, OSB

Android Developer

Motorola Mobility - Sunnyvale, CA - July 2012 to May 2013

Sunnyvale, CA July 2012 - May 2013 Role: Android Developer

App link:<https://play.google.com/store/apps/details?id=com.motorola.genie&hl=en>

Description: Motorola Help contains basic how-to, tips, support information, tutorials about your device. There is also an option to call Motorola support directly or to start a chat session.

Responsibilities:

- Involved in requirement gathering and designing of the application.
- Responsible for consuming the REST services, getting a JSON response and parsing them to get the required information.
- Implemented the search functionality, Action Bar and Draw-9 Patch Images.
- Worked on local data storage using shared-preference.
- Worked on the Android AsyncTask service to update List View Screen.
- Implemented unique design for portrait and landscape mode.
- Implemented customized web view component to load an SWF file and HTML data.
- Worked with design/UX team to create user-friendly, aesthetically pleasing, and full functional.
- Followed the agile methodology for implementing the project.
- Implemented manual testing to analyze.
- Analyzed and fixed the defects for various modules in the QA stages.
- Involved in requirement gathering, UI design and development.

Environment: Android NDK, Android API's, Eclipse IDE, XML, HTML5, REST services, JSON

Android Developer

DirecTV - El Segundo, CA - September 2010 to June 2012

Description: DIRECTV's mobile app allows the users to on Android, or other mobile device to schedule shows, to record, Watch TV & movies on Demand or stream live TV.

App link:<https://play.google.com/store/apps/details?id=com.directv.dvrscheduler&hl=en>

Responsibilities:

- Designed the layout designs using AndroidXMLfor all the pages
- Created the log in and sign up page and integrated Google cloud services on the application.
- Enabled synchronization of the user preferences to the secure cloud.
- Implemented a common interface for the application making it compatible with a desktop, web or mobile.
- Enabled comments sections for the users within the application.
- Involved in working with Location Manager and Restful Web service
- Tested and implemented the application.
- Worked on debugging the application using Log cat, DDMS.
- Tested the application on various Android devices.

Environment: Java, Android SDK 3.2.2 and Android API's GPS, REST, JSON, Eclipse IDE 3.5, ADT Plug-in, GIT (version control)

Java Developer

Cognizant Technology Solution - Chennai, Tamil Nadu - May 2008 to August 2010

Description: Cognizant Technology Solutions Corp. is an American multinational provider of custom information technology, consulting and business process outsourcing services. It is headquartered in Teaneck, New Jersey, USA.

Responsibilities:

- Coordinating the tasks, ensured that the deliverables from the team members.
- Interaction with clients to understand the requirements to provide design documents.
- Developed the application using Struts Framework that leverages classical Model View Layer (MVC) architecture UML diagrams like use cases, class diagrams, interaction diagrams (sequence and collaboration) and activity diagrams were used Created physical and logical data model, design and implementation.
- Wrote SQL queries, stored procedures, and triggers to perform back-end database operations
- Developed ANT Scripts to do compilation, packaging and deployment intheWeb Sphere server
- Implemented multicurrency functionality for the User and Admin modules.
- Involved in designing user screens and validations usingHTML, jQuery, ExtJS and JSP as peruse requirements
- UsedJDBCto read and write data to the database
- Used Java Servlets to write the business logic
- Developed web pages using HTML, JSP, DHTML and CSS
- Created the database tables in SQL Server.
- Involved in debugging and Bug fixing.
- Participated in Code reviews and peer reviews.
- Prepared unit test conditions and conducted Unit testing of components.
- Daily Incident Review meetings with Clients and the team. Review batch schedules and • Recommend any changes for improvement to batch scheduling implementingemergencyfixesduringnight if required.

Environment:Java, J2EE, JSP 2.0, Servlets 2.4, JDBC 3.0, HTML, XML, Java Script, Eclipse3.2, Oracle9i, Windows 2003, COBOL, JCL, VSAM, Citrix.

EDUCATION

Bachelor in Electronics and communications Engineering

JNTU

ADDITIONAL INFORMATION

Technical Skills:

OS Windows 7/Vista/XP, Mac OSX, Android

Languages JAVA, Objective-C, JavaScript, PHP

Markup Language HTML/CSS, HTML5, XML

Development tools Eclipse Galileo-Kepler, Netbeans 5.x, Xcode, MS Visual Studio, Aptana

Databases SQL, SQLite, MS-Access

Frameworks JDK, Android SDK, Hibernate3.0 & Spring2.0x, Cordova (PhoneGap)

Mainframes IBM z/VM

Web Servers Tomcat 6.0 & Apache HTTP Server, WAMP

Other Tools/Software

Eclipse, Visual Studio 2010, Dreamweaver CS5, Photoshop CS5, Fireworks CS5, Illustrator CS5, Flex Builder CS5, Microsoft Office 2013, Netbeans, Notepad++, WordPress.