

Objective:

A Highly motivated and versatile software developer with 7+ years of professional IT experience in Android Application Development and Design, with a track record to meet scheduled timelines for all projects, seeking challenging assignments across the IT industry.

Summary:

- 7+ years of professional software development experience in Mobile Application Design, Development, Maintenance and Support in Android.
- Contributed to the mobile application development life-cycle from requirement gathering, development, testing and launching on **Google play store** for beta testing by using the **Eclipse, Android Studio** and **Android SDK**.
- Integrated Google play services like **Location API, Push Notification (GCM & FCM)** and **Google Maps**.
- Has working experience with **Wi-Fi Direct, Bluetooth API** and **Samsung KNOX API**
- Has Knowledge on **JSON, XML** and **Client-Server** communication.
- Has Knowledge on **JNI** and **Cloud connectivity**
- Good Communication and Interpersonal skills, self-motivated and hard working in nature, accustomed to working in a team environment.
- Has experience in reusable modules to use in multiple projects.
- Proficiency at grasping end-to-end implementation, including finalization of **specifications, design and development**

Software Skills:

Environment & tools	Android SDK, Android NDK, Android Studio, Gradle, Cordova, PhoneGap, Crittercism, Crashlytics, Eclipse IDE
Version Control Tools	CVS, SVN, GIT
Operating Systems	Windows, Linux
Languages	C, C++, Core Java, HTML, CSS, JavaScript, Kotlin

Educational Qualifications

- **B.Tech in Electronics and Communication Engg** From **Jawaharlal Nehru Technological University** in 2008.

Employment History:

- Working as **Android Developer** in **WebToGo Mobiles Internet Pvt Ltd, Visakhapatnam** from Nov 2011. www.webtogo.de Head Quartered at Munich, Germany.
- **One month Onsite experience** at **WebToGo** company headquarters, **Munich, Germany**.

Development Profile:

Project #10:

Title : **myhandycheck**

Environment : **Java,Kotlin**

IDE : **Android Studio**

Version Control : **Git**

Team size : **4**

Duration : **Nov 2018 to till date**

Description: Myhandycheck enables users to sell their old Android phones instantly. The platform provides an assured sale service. There is a feature to diagnose the smartphone automatically and with minimal user interaction provided by the user with an assured selling price. If the user likes the price he can sell or user can insure if they want. With this, myhandycheck makes the user experience of online selling convenient, fast, easy and secure. In addition to the above, the app helps with Data backup and restore service to the new device. The App host a series of features like Data Transfer between Devices, Cloud Backup and Restore.

Roles and Responsibilities:

- Integrated user account creation and login functionality by communicating with backend servers.
- Implemented automatic OTP fetching and verification by using **SMS retriever API**
- Screen sharing using **Samsung KNOX API** through droid-vnc server.
- Worked with **Wifi Direct** to discover and establish a P2P connection between android devices.
- Worked with **Bluetooth** API to scan and establishing a connection with other devices.

Project #9:

Title	:	Baltcom
Environment	:	C++, Java, HTML,CSS, JavaScript
IDE	:	Android Studio
Version Control	:	Git
Team size	:	6
Duration	:	May 2018 to Dec 2018

Description: Baltcom is designed to help the customers to diagnose the home internet and network related problems, customers can use their smartphones and tablet computers to diagnose home networks.

Project #8:

Title	:	<u>wenewa</u>
Environment	:	C++, Java, HTML,CSS, JavaScript
IDE	:	Android Studio
Version Control	:	Git
Team size	:	10
Duration	:	July 2016 to till date

Description: wenewa is designed to provide instant help to customers using smartphones and tablet computers for home networks. wenewa is delivered as an app, available for all major mobile platforms. It can be easily customized and integrated into existing solutions for telcos.

Enhanced by a powerful backend infrastructure, wenewa enables easy to use the self-service experience to the customers. wenewa will also effectively reduce no-fault found returns for smartphone OEMs and network providers at the same time it enhances the customer experience.

Improves the customer service experience by providing customers with an easy diagnostic and optimization tool and resolve questions immediately on their own, Reduce the number of hardware and software related support calls to call centers. Identifies device errors in real time to react fast.

wenewa enables users to get effective remote support from their trusted community or if needed by the OEM Care through a real-time remote connection, Personal data backup and restore option within a few clicks

Roles and Responsibilities:

- Design and implementation of login screen, Login related issues and validations for network and server failures.
- Implemented User account creations and validations by using PDU(Protocol data unit) with server and implemented settings page using HTML, CSS and JavaScript.
- Screen sharing using Samsung KNOX API through vnc server.
- Wrote wrappers to communicate with java and c++ from UI.

Project #7:

Title : [X-Transfer](#)

Environment : C++, Java, HTML,CSS, JavaScript

IDE : Android Studio

Version Control : Git

Team size : 4

Duration : Mar 2018 to June 2018

Description: X-Transfer app is designed to transfer the files between devices. Share your pictures, videos, documents or apps with others nearby devices who also have the app. You can share files between Android to Android, Android to iOS, iOS to Mac, Mac to Android. Supports most of the file types.

Roles and Responsibilities:

- Wi-Fi Direct implementation is done to pair the devices.
- Wrote wrappers to communicate between c++ and Android.

Project #6:

Title : B2X SMART APP

Client : B2X Care Solutions GmbH, Germany

Environment : Java

IDE : Android Studio

Version Control : Git

Team size : 4

Duration : Jan 2016 to June 2016

Description: This app will support the user to identify most of the software and hardware related issues of customers phone which customer may face during the use. It scans your security and privacy status, software, network, battery and hardware, gives you the detailed report about the status of your phone and events it helps you to optimise your setting.

Responsibilities:

- Login screen designed and implemented in Android Native.
- It included with new feature like chatting and remote alarm from the user portal.
- PDU handled for various requests.
- VNC remote feature is integrated and adjusted to client requirements to remotely control the android device.
- Samsung KNOX API is used to capture the screen and transfer the data to the client.
- HTML client for vnc is adjusted to our client requirements.

Project #5:

Title : **Allianz Mobile Protect**
Client : **B2X Care Solutions GmbH, Germany**
Environment : **Java**
IDE : **Android Studio**
Version Control : **Git**
Team size : **4**
Duration : **June 2015 to Dec 2015**

Description: This application will assist the user with advance services to run the handset smoothly. The application allows the user to scan, optimize and protect the user device. If the user faces any problem with the device the diagnosis feature will assist the customer to fix with predefined problems. It helps you to save your private data, pictures and information. In the unfortunate event of the device getting stolen you can locate the device with the on-device application.

Roles and Responsibilities:

- Implemented login functionality with server API and showing the server response on snackbar, If login fails.
- Login success we will allow the user to access the main screen.
- Added side menu entries like settings, imprint and sign out.
- Implemented Tests in Software, Battery and Hardware test groups.
- Implemented chat UI and handled received binary data from server to show that in chat screen UI.
- Handled some Server resets using async tasks in the back end.
- Implemented HTTP requests to send device registration information and test results to our server.
- Implemented GCM registration requests and result handlings.

Project #4:

Title : **MyTelkomsel**
Client : **Telkomsel, Indonesia**
Environment : **Java, HTML,CSS, JavaScript,PhoneGap**
IDE : **Android Studio**
Version Control : **Git CVS**
Team size : **15**
Duration : **Mar 2014 to June 15**

Description: MyTelkomsel app is a self services application for Telkomsel's customers to check their account balance , bill payments, mobile recharges and to check mobile data usage and to activate/deactivate the current user plans.

Responsibilities:

- Feasibility study for android version.
- Implemented settings page using HTML, CSS and JavaScript.
- Implemented Apps themes syncing according to the changes in server.
- Wrote plug-ins in java to communicate with the Cordova framework.
- Wrote plug-ins to fetch the SSIDs around and The connected SSID, Signal Strength and SIM Card validation.
- Basic testing has done with multiple devices.

Project #3:

Title	:	PC Diagnostics Console
Client	:	Star Mobile Solutions, Madrid (Spain)
Environment	:	C++, Java
IDE	:	Visual Studio 2005
Version Control	:	Git CVS
Team size	:	2
Duration	:	Nov 2013 to Oct 2014

Description: This is an industrial solution for a leading smartphone repair center in Spain. The Repair center was looking for a solution to streamline their diagnostics process to repair Android smartphones, reducing costs, time and human errors. Currently they repair approximately 2000 handsets per day.

Roles and Responsibilities:

- Requirements gathering, application designing, coding for assigned modules.
- Research and Development to use Dialog HTML (C++) as Front-End, to establish communication between PC and Android smartphone, using ADB commands.

Project #2:

Title	:	WiFi Notifier Demo App
Environment	:	Java, Android SDK
IDE	:	Eclipse
Duration	:	Feb 2013 to Sep 13

Description: A native Android app that maintains an XML database of WiFi hotspots around the globe and displays them on a map, The app recognizes the user's current location and customizes itself accordingly. It also enables the user to search for hotspots in other locations.

Responsibilities :

- Developed a customizable app that changes its GUI with respect to the Android version
- Implemented the data fetching from server
- Parsing the XML data to displaying on Maps.
- Implemented POPUP info to display the hotspot details.

Project #1:

Title : **NetCheck**
Environment : **Java, Android SDK**
IDE : **Eclipse**
Version Control : **SVN**
Team size : **2**
Duration : **Mar 2012 to Jan 2013**

Description: NetCheck is a diagnostics and monitoring solution for smartphones and tablets designed to provide Telcos information about the network quality from the device's point of view, such as:

- Latency, packet loss and speed test
- Download/upload speed and keep a history of these tests
- WiFi / mobile signal strength, WiFi IP address and WiFi link speed
- Mobile connection current technology and get Cell ID, LAC, PSC, RNC
- Retrieve the user's location and place it on a map
- Battery information (current status, temperature, absorption, projected duration)
- The application can transmit these values to a back-end system and can be easily integrated with existing systems of the Telco
- NetCheck can also be provided as a library, to be integrated in existing applications.

Responsibilities :

- Feasibility study and contributed in UI designing part.
- Worked on showing the user location on the map.

Personal Information:

Sex : Male
Marital Status : Married
Nationality : Indian
DOB : 04th April 1987
Father's Name : Sivaiah Sompalli