SHYAM LAL KUMAWAT

Sun South Winds, South Bopal, Ahmedabad
+919950753806/+919057599356
shyamlal030@gmail.com
30/11/1993
in www.linkedin.com/shyamlal.kumawat

OBJECTIVE

Over 8+ years of experience in analysis, design, development, implementation, and testing client, server, and enterprise applications using Android, Java, & Kotlin technologies. Extensive experience in Android application development. Good understanding of Android OS, interactive application development, and memory management. Proficient with common Android Framework API.

SKILLS

- Android
- Java, Kotlin
- Git, CI/CD, SVN, Bitbucket, Azure Workspace, AWS
- SQL, Room DB, Sqlite, MySql, DynamoDB
- ViewModel, MVVM, LiveData,Clean Architecture, JetPack Compose,
- Docker, Gradle, Pipelines
- Dagger, Rxjava, RxAndroid, Hlit
- JSON,GSON , XML parsing
- Agile Methodologies, Scrum, Waterfall Model
- Unit testing, Junit, Mockito
- Camera2 , FFmpeg, Surfaceview, Media Player, Custom Views, Animations
- Php, HTML, CSS, JAVASCRIPT,
- Salesforce, PhoneGap, Flutter

EXPERIENCE

Feb, 2021 - Current

Tata Consultancy Services
IT Analyst (Sr. Application Consultant)
- Responsible for analyzing the requirements of the application, testing, stage, deployment, and production maintenance.
- Integrated the QR Code/Barcode scanning **library(Scandit)** into the application for the scanning postal code.
- Designing and rebuilding modular components to promote re-usability and readability readability in **Kotlin a& Java.**
- Deploying the deliverable to **AWS S3** using **CI/CD bit-bucket tools.**
- Effectively handled UI responsiveness and compatibility across the various versions of devices (Mobiles and Tablets).
- Implemented component base model and publish different own library with tools as **Firebase, Test NG, Git, Maven and Gradle Task.**
- Worked in an **Agile-based environment JIRA, Scrum, and Kanban**.& MVVM design architecture.
- Responsible for estimate and own delivery tasks (design, dev, test, deployment, configuration, documentation) to meet the business requirements.
- Designing a framework to automate the **build process, code review, sonar coverage, unit testing,**

July 2019 - Feb 2021

TatvaSoft Pvt Ltd
Senior Android Developer
- Designed and developed mobile applications for Android mobile devices with extensive user interface and development.

- Manging project with Metrics and monitoring tools as **Grafana**
- Responsible for the analysis, design, development and delivery of front-end applications for the Android platform.
- Implemented **SQLite/Room** databases to monitor load offline dynamic forms in Mercy Project.
- Worked with **Google Maps Android API V2** to display the AIL locations with markers using **Geo-coder.**
- Designed custom dialog, and custom notifications for displaying the generated payment code.
- Worked on **Zigbee IoT (Mayflowers)project** with USB Manager connectivity to get data communication to control smart lighting system.
- Mentoring and conducted session on Agile and mobile development to new associates.

July, 2017 - June, 2019

Dotsquares Technology Pvt Ltd
Android Developer
- Programmed with clean, modular, robust code using Java and XML with Android's latest version with **MVVM** design pattern.
- Responsible for consuming the **REST services, getting XML, JSON responses**, and parsing them to get the required information using retrofit and Volley
- Implemented **location-based API** using Location Manager to locate the pharmacy in the neighborhood in CodaPharamcy project.
- Extensively utilized **Material Design, Thread, and handler** to provide a smooth UI experience.
- Worked on the custom media player and **WiFi-Direct communication** with client-server-protocol **in Audio Booster project.**

Sep, 2015 - July, 2017	**Nine Hertz India Pvt Ltd** Android Developer • Responsible for implementing video streaming in the app in clone app of **Instagram** as an **Instanine app.** • Worked on XMMP protocol for an instance message, presence information, and contact list maintenance in the **HashtagDateMe** App clone of **Tinder.** • Responsible for the design, build, deployment, debug & maintenance of Android applications for Google play.W • Worked on B2C model-based app for online shopping and Food delivery app with online payment gateway integration like **Paytm, Pay U, PayPal, etc.**
Feb, 2015 - Sep, 2015	**Tech 3i Pvt Ltd** Android Developer • Fixed bugs with code, design patterns, and miscellaneous occurrences during projects. • Created new UI Screens and key resources for layout UI work utilizing **XML, Shape draw-able, Text View, List View, Web View, Buttons, Activities**, etc. • Worked on **Web apps using PHP, HTML, , JavaScript, and Phone-gap** for Apache Cordova Framework.

EDUCATION

2014	**Govt Engineering college Ajmer Rajasthan** B. Tech CS 78.89%
2010	**Govt Sr Sec School Takhatgarh, Pali** 12th RBSE 92%
2008	**Govt Sr Sec School Takhatgarh, Pali** 10th RBSE 84%

PROJECTS

Bpost (Belgian Postal service)

• Bpost group delivers mail and parcels in Belgium in e-Commerce logistics across Europe. MyBpost App provides a seamless experience for the consumer to send, receive and return their parcel to the receiver nationally and internationally. In the Post-office, Counter clerks use these apps on tablets to serve customers. via the app, they can **prepare sending, buy stamps, bpaid cards, manage stock inventory, bill payments, purchase ATM cards, track & trace parcels, and scarab licenses plates, digital card payments, receipt generation**, authenticate customers via **EID card reader**, kiosk management, etc. App has multi-lang support in French, Dutch, German & English. Ping token login is implemented in the web view to access the app. The app is pushed to devices via **MDM**.

• AWS cloud buckets/**DynamoDB** is being used to store secured data. **Firebase crashlytics & Cloud-watch** are used for logging errors.

• **Front-end**- Android, Kotlin, MVVM

• **Back-end**- NodeJS, Angular

• **Cloud**- AWS, DynamoDB

• **App**-*https://play.google.com/store/apps/details?id=be.bpost.bpaid*

Audio Booster App

- Audio Booster is more than a music player with an extraordinary feature "Audio Boost". With Audio Boost you can play music on one device and connect other devices to get a Boost in music volume without an internet and mobile data connection.
- It is based on client-server protocol to communicate with multiple android devices with **WIFI-Direct and BLE** as Offline mode**.**
- The app is developed in **Kotlin** lang in **MVVM** architecture & **Room** Database to store music files and play via a custom media player. One can play/pause music on one device and it will be pause/play on all connected devices.
- **Front-end**- Android, Kotlin, MVVM, Java

MayFlower Smart lighting control

- Completed project MayFlower (Lighting Control System) It's a project of uk based road lighting control system where light system is controlling by the mobile app with Zigbee wireless device. system engineer will use the app to find fault in lighting system and measure their data and analysis.
- System Enginner need to insert one Zigbee Dongle to tablet and then they can perform opearation like switch road light on/off. dim level, check fault wirelessly,
- **Front-end**- Android, Kotlin, MVP, Clean Architecture, Java
- **Back-end**- Php, MySql

Mhaly Store

- Completed project "Mhaly Store " shopping android app that is easy to use and highly sophisticated E-commerce application.
- It will be an on line buying and selling platform for the users across the globe.
- It enables to find user location so that they can see location on map to visit to store and they can also schedule delivery date for specific date and can make the payment through PayPal, Credit Card and Bank Transfer. It has one to one chat
- https://play.google.com/store/apps/details?id=org.mhalystore.android
- **Front-end**- Android, Java, Gradle, Bitbucket SVN
- **Back-end**- NodeJS, Angular

HashTagDateMe

- Completed Project "HashTagDateMe" that is a social dating app to date to other People based on their matching hash tags and discovering area. They can instant message to each other on their date request match. This is just like Tinder app.
- App link :- https://play.google.com/store/apps/details?id=com.hashtagdateme.android&hl=en

ProPitch

- Completed   project Propitch Grounds Manager android app which is unique Sports turf management tool which provides sports turf managers with the ability to measure their sports pitch performance throughout the year.It contains two differen apps for ground manager and consultant.
- App link
- https://play.google.com/store/apps/details?id=com.propitch.groundsman
- App link
- https://play.google.com/store/apps/details?id=com.propitch.consultant

Mercy Dynamic Form Builder

- Completed project Dynamic Form Builder (Mercy) android app for Austrialia based company. This app is to create and render muliple dynamic form template , save them and export to server. This way user can create his own form like HR Mangement Form, Online Exam Form, NGO registeration for etc.App provide all controller to render template and user can filled the form in offline mode also.

Agro App

Completed a Major project " Agro App " that is "Phone gap" based native off line app for agriculture field to know about any field that How much it is useful for agriculture purpose.
Front End- HTML, CSS, CORDOVA, JavaScript

ACHIEVEMENTS & AWARDS

Secured 1st position in B. Tech CS Honors
Got 15th State Merit and 1st District Merit in 12th Boards 2010

Awarded by Maharajah Gaj Singh of Mehrangarh Fort at Ummed Palace Jodhpur and District Collector Pali.

EXTRA–CURRICULAR ACTIVITIES

Successfully completed Online Python Test Offered By Spoken Tutorial Project IIT Bombay

Organized One Day Workshop on 'ANDROID' Organized By Technogen Training Hub At ECA Ajmer.

Attended a Workshop on 'Open Source Technology and Tools' Organized By CSE Department of ECA Ajmer

Participate as Co-ordinator of Lan-Gaming at College Technical Fest 'Tarangini and being a coordinator of college.