

**SHIV CHAUHAN**  
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## **PROFESSIONAL SUMMARY**

- Around 9 years of experience in the fields of Software Development Life Cycle as Android developer with understanding of Project Requirement and Analysis, Complete flow of Project, Agile methodologies like Scrum.
- Hands-on experience in **MVVM, MVI, Clean Architecture , Android Jetpack Compose and Dynamic UI based on API response using Airbnb/ Epoxy.**
- Complete Software Development Life Cycle experience on numerous projects.
- Hands-on experience on **Android SDK, Lifecycle Components, Jetpack libraries, Android Studio and Gradle** build system.
- Implementation experience on Dependency Injection - **HILT** for Android.
- **CI/CD** Jenkins & Travis and **TDD** development.
- Hands on experience on publishing Android Bundle (.aab) for optimized size .apk.
- Sound knowledge and extensive experience in using **Google Maps, GPS tracking, Places APIs** (real time experience on Usage and billing) **and restricting API keys for security protection.**
- Integration of **Room Database, Pubnub chat, Agora, Stream, Pusher for real time chat and signaling, Socket.io, WebRTC, Twilio APIs, Parse.com APIs, Uber /lyft APIs.**
- Hands-on experience with **IOT** apps using **BLE, SERIAL CABLES.**(Transferring and reading data from arduino, microcontrollers and other medical purpose devices e.g Heart rate Monitors, Reading data using USB for fast processing).
- **Datadome SDK, IP security and Cloudflare API Shield** integration for blocking bots and protecting network abuse.
- Good exposure in **Restful Web Services, GraphQL.**
- Hands-on experience with Networking libraries **such as Retrofit 2, Apollo, Okhttp, Volley and Loopj.**
- **In-App Billing (subscriptions), mobile payment gateways like Stripe, Paypal SDK, Stripe APIS, China Payment Gateways -Wechat Pay, Ali-Pay, Ten-Pay.**
- Hands-on experience on **Kount-Sdk** mobile payment fraud detection.
- Implementation experience of third party libraries such as **Butter knife, RxJava, Gson Convertor factories** and many more based upon requirements.
- Ability to translate complex UX designs to real **UI Interface, Rich UI notifications, Material Design.**

- Integration of Storage APIs like **Drop-box, Box** and **Google Drive**.
- Knowledge of debugging applications using **handset and simulator**.
- Strong experience in Solving production issues by replicating them in early stages using tracking and analytics tools like **Firebase Performance, Crashlytics, DataDog** and **other third party tools**.
- Knowledge on **Git, Bitbucket, Gitlab , SVN** code repo's & **Base-camp, JIRA, ASANA** for project management..
- Strong Domain knowledge in **Social Networking and Enterprise and Healthcare Applications**.
- Knowledge on **SHA-256, MD5** and others for security of applications.
- UI/Unit** testing of the apps + solid manual testing as per acceptance criteria.
- Have been giving **training seminars** to the Team.
- Experience in estimating the **project timelines**.
- Daily interactions with the **Clients** or **Product Manager** for understanding their requirements.
- Sprint based work and retrospective analysis following the completion.
- Ability to work individually, with self-initiation, putting ideas to make the product more usable , leading in front, & giving a good finish.
- Hands on experience in developing BFR apps

## TECHNICAL EXPERTISE

### Mobile Technology

Android - 9+ Years

### Languages

Java - 7 Years

Kotlin - 5 Years

Flutter - 8 Months

### Tools

Android Studio

### Databases

Room, SQ-Lite

### Code Repositories

Github, Bitbucket, Gitlab

### Operating Systems

Mac (preferred), Windows and Linux

## EDUCATION

B.Tech (I.T) from **Himachal Pradesh University** passed out in 2013.

## PROFESSIONAL EXPERIENCE

Working with **Thomson Reuters** as **Senior Android Contractor**. (Remote May 2022 to Present)

Worked with **Incube8 Pte Ltd** as **Sr Software Engineer**. (May 2017 to April 2022)

Worked with **SourceFuse Technologies Pvt Ltd Mohali** as **Software Engineer**. (Mar 2016 to Mar 2017)

Worked with **MobileProgramming LLC** (former A-one technology pvt ltd) as **Programmer Analyst**. (April 2014 to Mar 2016)

## PROJECTS ACCOMPLISHED

**Project: Reuters Mobile App**

**Company Name: Thomson Reuters as Remote Contractor**

**Role:** Sr Android Developer (1 million plus installs, overall user base of 100 million+)

**Play Store:**

<https://play.google.com/store/apps/details?id=com.thomsonreuters.reuters&hl=en&gl=US>

**Description:**

Unmatched source of global news. Catch up on what's happening in the world 24/7 with Reuters News.

- The resources of the world's largest and most trusted news organization at your fingertips — 2,500 reporters in 200 locations.
- Global news coverage of the world.
- Alerts for breaking news and the stories you care about the most.
- Catch up quickly and on the go with new Editorial Highlights.
- Your personal Market Watchlist, plus stocks, bonds, currencies and commodities analysis.
- Constantly updated with new features: Save stories to read later, Night Mode, Editorial Highlights, Offline Access, and more.

**Development Using:** Android Studio and Android SDK, Restful APIs, GraphQL, Airbnb/Epoxy, JetPack compose, Coroutines, Kotlin, Webview best uses, DataDog

**Responsibilities:**

- Responsible for complete development of major modules in the Reuters Mobile App

- Responsible for implementing various sources of their complicated API
- Responsible for migrating app over to using GraphQL APIs
- Participation in Project Management and App Release Activities
- App is using clean-architecture and created various layers and provided use cases using Hilt DI injections
- Responsible for writing unit-tests for data and domain layers
- Daily standup with Scrum Master
- Weekly calls with Stakeholders to understand new requirements and debug on major issue
- Part of a big team of Reuters and worked with contractors all from all over the Globe.

## **Project: SeekingArrangement**

**Company Name: Incube8 Pte Ltd**

**Role:** Lead Android Developer (1 million plus installs, overall user base of 20 million+)

**Play Store :** <https://play.google.com/store/apps/details?id=com.infostream.seekingarrangement>

### **Description:**

SeekingArrangement is the largest matchmaking app for millionaires, successful, beautiful and attractive people to meet. Our members include CEOs, executives, entrepreneurs, investors, lawyers, doctors, accountants, celebrities, pro-athletes, actors, actresses, top models, and the elite 1%.

With a community of over 4 million members, we have been featured extensively in the media on CNN, 20/20, ABC, The View, Huffington Post, Business Insider and The New York Times, just to name a few. Our app was recently profiled on CNN's "This Is Life" series.

The SeekingArrangement app gives you access to a number of simple to use features:

- Discover wealthy or beautiful people near you
- Advanced search filters to find exactly who you want to meet
- Add as a Favorite or Message anyone you like
- Easily purchase one of our Subscription package to upgrade to a premium membership

**Development Environment:** Android SDK, Java, kotlin ,ComposeUI, WebRtc, Mobile Payments (Google IN-App billing, Paypal SDK, Alipay, WeChatPay and manual credit card using our own Payment gateway called USE2Pay), FCM Heads Up notifications with Inbox style UX, PHP/Node.js as backend, Pusher Socket Chat, latest trendy UX.

### **Responsibilities:**

- Responsible for complete development of the mobile app product (Android)
- Mobile payments through **Google In-App Billing, Stripe, Paypal, China payment gateways like Ali-pay, Union-Pay and Ten pay, 3DS 1.0, 3DS 2.0 European Payments.**
- Handle optimized API call along with retrofit and Gson for faster response
- Implements trendy complete profiles with steps, as profile is a major thing in dating apps.
- Implementing the Coordinator layouts , Sliding tab layouts, View Pagers , floating action buttons as per material design guidelines.
- Push notification Via FCM and handle different scenarios, redirections,Big inbox style notifications and stacking of Notifications.
- Used code repository GITHUB as a daily backup.
- Daily Interactions with the Onsite team in the USA.
- New specs and work according to the changing requirement environment.
- Migration of xml UI to jetpack compose.
- Writing UI test suite.

**Project: Dayo - New day for dating**

**Company Name: Incube8 Pte Ltd**

**Role : Flutter Developer**

**App link: <https://appadvice.com/app/dayo-a-new-day-for-dating/1562783513>**

**Description:** Welcome to Dayo, the video sharing and social dating app that lets you “Be yourself, together.” Blending social media and online dating, we took the best parts to produce a social dating app that provides people a new way to make genuine connections through self-expression.

**Development Environment:** Android Studio, Restful APIs, Aws, 3rd party libraries for Video Editor and Stickers

**Responsibilities:**

- Responsible for complete development of the the Dayo app in flutter with other 2 developers
- Daily standup with Scrum Master
- Research and learning to develop in flutter and implement

**Project: Relay Transport, <https://onecallcm.com/>**

**Company Name: Sourcefuse Technologies pvt ltd**

**Role: Android Developer Lead**

**Company Name: Sourcefuse Technologies pvt ltd**

**Publishing Status:** Enterprise level

**Description:** The project is called Relay Transport.. The company for which we are making the project is OOCM (USA) a healthcare logistics company. So i can not explain it in just a few lines. For the sake of my CV , I am briefing it out here.

This application is a standalone application for patients registered with the OOCM. The OOCM used to fix the appointments of patients with Specialists and also arrange the transportation for them through this application via third party providers like UBER, LYFT and with some of their vendors. The admin can track where the patient is going and the route vehicle is moving on, each and every status like start, enroute, variance, driver pickup etc.

One more feature is that if the patient wants to drive with their own vehicle , they can go and later on they will claim for fuel charges through the invoices generated after the completion of appointment.

This is the concept of the project.

**Development Environment:** Android, Pubnub used for realtime tracking of the patients, GCM push notifications, AWS as backend, Sliding panel UI similar to google maps, Google Places APIs, RA motion for list card animations, Swipe to delete , Undo features using swipe gesture libraries, GPS location tracking when patient using their own vehicles for Appointments.

**Responsibilities:**

- Implement the Pubnub In-app notifications for real time tracking of the patients.
- Handle both the AWS and local database , local cache using data structures.
- Implements login functionality with OTP.

- Implementing the Sliding panels, Swipe list views, Coordinator layouts per material design guidelines.
- GPS tracking while patients use their own vehicles.
- Push notification Via GCM and handle different scenarios and redirections on the click of different patient status..
- Used code repository GITHUB as a daily backup.
- Tab layouts , Navigation View use animation to make applications trendy.

**Project: ApniKheti (INDIA)**

**Role:** Android Developer Lead (Popular Farming Project in India)

**Company Name:** Sourcefuse Technologies pvt ltd

**Play Store:** <https://play.google.com/store/apps/details?id=com.cogneesol.apnikhetiapp&pli=1>

**Description:** This project is live on Playstore. Apni Kheti (Buy & Sell) is India's leading , exclusive and free Rural classifieds mobile app where you can buy or sell anything you want ; right at the comfort of your home, farm or even on the go. Our app helps you connect with your buyers - increasing the profits, targeting a larger audience & eliminating any kind of middle men.You can buy/sell used or new produce/products like vehicles, crops, seeds, farm equipment, agricultural produce, electronic gadgets, dairy, etc. using this app.

**Development Environment:** Android SDK, AWS as backend, Google Exoplayer as video player, Local caching using Sqlite, Twilio APIs for OTP, Auto Read OTPs using system level permissions, Realtime chat using Pubnub.

**Responsibilities:**

- Implement the Pubnub chat.
- Handle both the AWS through restful APIs interaction and local database sync.
- Implements login functionality using OTP.
- Implementing the Coordinator layouts , Sliding tab layouts, View Pagers , floating action buttons as per material design guidelines.
- Push notification Via Pubnub and handle different scenarios and stacking of Notifications.
- Used code repository GITHUB as a daily backup.
- Tab layouts , Navigation View use animation to make applications trendy.

**Project: ShopnSocial (U.K)**

**Company Name:** Sourcefuse Technologies Pvt Ltd

**Role:** Sr. Android Developer

**Play Store Link:-** Not Published live due to client plan changes.

**Description:** This project is live on Playstore. With Shop n Social you no longer need to huddle around a device to shop together or take screenshots and copy and paste links via other apps - instead you can just Shop n Social ... anywhere, anytime with anyone. You can share the products by saving them. You can chat with your friends and call them like whatsapp. The Ui is very user friendly and interactive.

**Development Environment:** Android,Microsoft Azure as backend, Direct table sync with the application, Pubnub chat, Terasys Webrtc for calling purpose.

**Responsibilities:**

- Implement the Pubnub chat.
- Handle both the Microsoft Azure and local database sync.
- Implements login functionality with Facebook, MSN and Google plus by integrating them all.
- Implements calling functionality using TEMASYS SDK. (WEBRTC TECHNOLOGY).
- Implementing the Coordinator layouts as per material design guidelines.
- Push notification Via Pubnub and handle different scenarios and stacking of Notifications.
- Used code repository GITHUB as a daily backup.
- Pick the browsed product details after a long click .
- Implement Inapp browser , So that it can act like a browser.
- Tab layouts , Navigation View use animation to make applications trendy.

**Project:** UVDI (U.S.A) <https://www.uvdi.com>

**Role:** Sr Android Developer

**Company Name:** Mobile Programming LLC

**Play Store Link:** Enterprise level

**Description:** This company specializes in UV technology. The project was to scan and list their UVDI BLE devices. Creating connection with devices. Write some commands. Read the data and store using file IO. Mostly the records belong to their patients.

**Development Environment:** Android Studio, Core java, MVVM, Material Design, BLE.

**Responsibilities:**

- Implement the BLE.
- Handle both the AWS and local database , local cache using data structures.
- Implements user authentication using JWT token functionality.
- Implementing the Coordinator layouts per material design guidelines.
- Push notification Via FCM .
- Used code repository GITHUB as a daily backup.

**Project:** Waterfall Video Wallpapers ( 50k+ downloads)

**Company Name:** Mobile Programming LLC

**Role:** Assistant Android Developer

**Play Store Link:-** <https://play.google.com/store/apps/details?id=com.waterfall.free&hl=en>

**Description:** This project is live on Playstore. This application got great downloads because of attractive video walls and the application consumes very less battery or it won't slow your device. We save videos to the disks to prevent memory problems. Yes, some of the videos are paid but overall you will get free stuff inside this application.

**Responsibilities:**

- Implement the canvas functionality.
- Handled the Php as a backend.
- Implements sampling of bitmaps and LRUBitmaps
- Implementing the on disk caching for memory management.
- Used coding standards and techniques for saving memory,overdraw and rendering.

**Project: CattleFax(U.S.A)**

**Company Name: Mobile Programming LLC**

**Role: Android Developer**

**Play Store link:-**<https://play.google.com/store/apps/details?id=com.cattlefax.main&hl=en>

**Description:** We are proud to present the CattleFax Android Application that provides you with specialized Cattle Industry Information from our award winning Analysts. Our Application is a true go to, deciding factor, for your everyday Beef Industry Data & Information needs.

The CattleFax Android Application enables users to browse cattle prices, view dynamic charts, graphs and industry data, examine our catalog of industry news and check detailed, local and national weather forecasts.

The CattleFax Application helps our users to follow the futures markets and get up to date information from the single source of all information on the Beef Industry.

Optimized for daily use by Beef Producers and Traders, users of our Applications can save their favorite data sections and information in the Application for quick and easy access, view daily Closing Bell and Market Minute Videos from our analysts, share and post news and market information to Face-book, Twitter and Linked-in from the Application with your associates and colleagues, learn more about conferences, events and seminars happening in your area and around the country.

The CattleFax Android Application is proudly sponsored by Pfizer Animal Health.

**Development Environment:** Android, Web-services

**Responsibilities:**

- UI Design of the application.
- Proper UI handling is also implemented, i.e., view inside a view.
- Implemented the slider functionality
- Implemented the graphs to display dynamic charts.
- Implemented the playing YouTube videos.
- Worked on showing local, National and DR. Arts weather.
- Worked on showing local weather for 3 days.
- Implemented Google analytic.
- Implemented Calculator functionality to show the price.
- Implemented Gallery functionality to show graphs and industry data.
- Implements Efficient Base Adapter for displaying the List View.
- Used code repository SVN as a daily backup.

**Project: Jenny Craig(U.S.A)**

**Company Name: Mobile Programming LLC**

**Play Store Link:** <https://play.google.com/store/apps/details?id=com.jennycraig.jennycraigandroid>



**Role: Asst. Android Developer**

**Description:** This project was developed using Android 4.0. Application is used for mainly weight monitoring using various methods like Track, Activity and Weight charts for the user. The application consists of various modules like Plane & Track, Cuisine, Favorites and Center Locator etc. This application offers a comprehensive weight management program that helps clients learn how to eat the foods they want, develop a healthy and enjoyable eating style ,increase their energy level through simple activity, and build more balance into their lives for optimal weight loss and well-being.

**Development Environment:** Android, Web-services, SQLite

**Responsibilities:**

- UI Design of the application.
- Proper UI handling is also implemented, i.e., view inside a view.
- Implemented the slider functionality
- Implemented the graphs to display dynamic charts.
- Implemented the social networks.
- Implemented bar code scan.
- Implemented SQ lite database
- Implemented Google analytic.
- Worked Web- services with Json .
- Implements Efficient Base Adapter for displaying the List View.
- Used code repository SVN as a daily backup.

Your Truly  
Shiv Chauhan  
Android Developer