

# Jeet Patel

## Software Developer

8073584234 | developerjeet5699@gmail.com | Brampton, ON | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

### Summary

---

- Good experience in building, integrating, testing, and supporting Android applications for mobile and tablet devices on the Android platform.
- Experience in establishing better design patterns to implement MVVM and MVP architecture.
- Proficient in using Java with Android Studio and Eclipse with ADT plugin, designing UI layouts using Linear Layout, Relative Layout, Frame Layout, Table Layout, List View, Grid View and using Android native widgets and custom Widgets.
- Good knowledge of integrating libraries such as Retrofit, Picasso, Volley, Butter Knife in application development.
- Knowledge of Activities, fragments, Android Binding, support library, Android animation framework, AsyncTask, Intents, Services, broadcast receivers, REST API, Location Manager, threads.
- Proficient in working with Google Volley API, GPS Location Data, Google Cloud Messaging, Volley, Material Design and Push Notification.
- Ability to depth knowledge of database development using SQLite and SQL Server.
- Well versed with Source Version Control tools like GitHub, Git and Bitbucket.

### Technical Skills

---

**Methodologies:** SDLC, Agile/Scrum

**Languages:** Java, Kotlin, SQL

**IDE Tool:** Android Studio

**Frameworks/Libs:** MVVM, MVP, Retrofit, Picasso, GSON, Google Volley, Android SDK, NDK, Groovy, Gradle

**Web Technologies:** REST API, XML Parser, JSON Parser, HTML, CSS, JavaScript, XML, Postman, Jest

**Database and Storage:** SQLite, Shared Preferences, MS SQL Server

**Cloud:** AWS EC2

**Version Control Tools:** Git, GitHub, Bitbucket

**Operating System:** MacOS, Linux, Windows

### Experience

---

#### Quest software

Jan 2023 – May 2023

#### Android Developer intern

Canada remote

- Worked with the **SQLite Database** to store the created program. User data, variables, layouts and details of UI elements are being stored in SQLite database.
- Designed user session management with Persistent Cookie Store parsing **JSON** response.
- Utilized Shared Preferences to store and maintain user information.
- Implemented Beacon-based indoor navigation system for a large shopping mall, resulting in a 30% increase in customer satisfaction and a 25% decrease in customer complaints related to navigation difficulties.
- Implemented the functionality to upload files by sending encoded string from image files by POST method.
- Used **OkHTTP**, **Retrofit2**, and **GSON** to make **REST** calls and parse json from APIs

#### Deskcode Solution Pvt. Ltd

Dec 2019 – Apr 2021

#### Android Developer

Surat, India

- Developed and launched an Android application that achieved a 4 - star rating on the Google Play Store with over **500,000 downloads**.
- Reduced user bounce rates by 30% by optimizing the app's loading times and improving its overall performance.
- Integrated third-party **payment gateways** into mobile applications, resulting in a 40% increase in the number of successful transactions.
- Utilized **Room database** and implemented RESTful APIs, ensuring quality software solutions and outstanding client satisfaction.
- Built Activities using compound and customized views.
- Collaborated on the Material Design migration of the application views for a better, engaging user experience and a consistent look with the system's look and feel.
- Worked on the implementation on the application side of a network communication scheme required by a new API version on the **RESTful server**.

- Mitigated risks and resolved issues related to data loss, overseeing testing of all fields updated across both application and database.
- Identified +50 bugs in application beta version, completing comprehensive testing and documenting issues accurately.
- Eliminated the use of external libraries by consolidating the use of **OKHTTP** and **GSON**.
- Used concurrency constructs such as **Threads**, **Handlers**, and **Async** Tasks for performing long running operations.
- Drove comprehensive end-to-end workflow testing across 4 application builds, confirming design, functionality, and usability.
- Worked on the Content Provider implementation to store information on the internal **SQLite** database and on file-based storage for media.
- Responsible for consuming the **REST** services, getting **JSON** response and parsing them to get the required information.

- Participated in architecture review meetings for a total of 5 projects, resulting in the identification of key technical challenges and the development of actionable plans to address them.
- Implemented **multi-factor authentication** mechanisms and data encryption techniques that ensured secure data transmission and storage.
- Migrated a **ListView** implementation to use a **RecyclerView** along the view holder design pattern for more flexibility regards displaying items as a list or a grid and for improved performance.
- Involved in creating a **Retrofit** Web Service endpoint for instantiating various API level calls.
- Implemented JSON and RESTful **API Web Service** calls for data validation, data parsing and server interactions.
- Conducted extensive testing of mobile applications across multiple devices and emulators, ensuring full functionality and optimal performance on all devices.
- Implemented Material Design components like Search View Navigation, Card View, **RecyclerView**, and Bottom Navigation components.
- Worked on the local **SQLite** database backed storage of the user's location history.

## Project Experience

---

**Weather App:** Implemented a clean architecture pattern, utilizing MVVM (Model-View-ViewModel) to ensure separation of concerns and maintainable codebase.

Link- <https://github.com/pats5699/WeatherApp> | Coroutines, Koin, Retrofit, GSON, OKHttp3, Glide, Material Components

**Learn Jetpack:** Developed a learning project focused on Jetpack components, aimed at gaining hands-on experience and expertise in utilizing the latest Android development tools and libraries.

Link- <https://github.com/pats5699/LearnJetpack> | Retrofit, OkHttp, OkHttp logging interceptor, glide, internet check interceptor, executors for concurrency, ktx and android kotlin extensions (for using @parcelize)

**Clone of Netflix:** Netflix clone is created in android with MVVM architecture. It uses APIs from TMDB - The Movie Database. It contains features like Trailer playback, home feed, Movies coming soon, Search / View for movie, tv shows.

Link- <https://github.com/pats5699/CloneOfNetflix> | Room, MVVM, Solid, Retrofit, Dependency injection with Kotlin

**React movie search engine:** Build a React based web application with use of the API project suggestion by using TMDb (The Movie Database) API to search for movie and TV show data, provide categories for browsing movie and TV shows by popularity, currently airing etc. **Technologies:** ReactJS, HTML, CSS, Jest, Selenium JS

## Education

---