

Curriculum Vitae

Rajen Trivedi

Software Engineer | Android Developer

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CAREER OBJECTIVE

Passionate Android Developer with expertise in Kotlin, MVVM, and Jetpack. Dedicated to building high-performance, user-friendly applications and contributing to innovative mobile solutions.

PROFESSIONAL SUMMARY

Android Developer with **2+ years** of experience in designing, developing, and deploying scalable mobile applications. Proficient in **Kotlin, XML, MVVM architecture, Jetpack components, and Coroutines**. Skilled in UI/UX design, API integration, and performance optimization. Adept at working in agile environments and collaborating with cross-functional teams to deliver intuitive and engaging user experiences.

Expert in **solving Build Gradle issues**, conducting **research & development (R&D)**, and implementing well-structured approaches for **new and advanced implementations** in Android development.

WORK EXPERIENCE

Android Developer - Prodev Infotech, Surat, Gujarat. (July 2023 to till date – Full time)

- Working on live projects spanning social media, business, entertainment, kids, and software applications, delivering high-quality, scalable solutions.
- **Social Media Applications:**
 - Developed features like feeds, Sponty (interactive posts), live streaming, reels, post image with audio, video with custom audio, trim music, image/video with rich text editor, story and map marker clustering using geofencing.
 - Implemented multi-account access, socket-based live chat, and camera effects for enhanced user interaction.
 - Integrated Google/Facebook Ads and authentication for monetization and secure user access.
- **Business Applications:**
 - Built functionalities for online transactions, wallet/reward payments, and international transactions.
 - Developed KYC verification processes, easy bank transfers, card payments, and utilities like air power/electricity bill payments.
- **Kids Applications:**
 - Designed education, entertainment and exercise/learning-focused apps tailored for children.
- **Software Applications:**

- Integrated dual camera support, document verification, and system admin functionalities.
- Developed features like video trimming/muting, calendar sync with Google and local calendars, and rich text email composition.
- Implemented AI communication tools, app widgets, background animations during authentication, and deep linking.
- Developed calling functionalities, live activity notifications, intercom integration, Firebase logs, and email handling with reply/forward capabilities.

Android Developer - Canopas, Surat, Gujarat. (Jan 2023 to May 2023 - Internship)

- Worked on a live app called **Justly**, applying skills and best practices learned during my **internship**.
- Implemented clean and scalable Android code structures following industry standards.
- Utilized Hilt/Dagger for efficient dependency injection to streamline codebase and improve testability.
- Applied MVVM and MVP architectures to ensure a clear separation of concerns and maintainable code.
- Integrated Coroutines, StateFlow, and SharedFlow for handling asynchronous data streams and state management.
- Designed and developed responsive UI using both XML layouts and Jetpack Compose for modern, dynamic interfaces.
- Implemented authentication mechanisms and ensured secure data handling within the app.
- Performed unit testing to maintain code reliability and utilized linting tools to enforce code quality standards.
- Managed source code using Git and contributed to collaborative development processes.
- Gained exposure to CI/CD pipeline concepts, automating build, test, and deployment processes.

KEY SKILLS & COMPETENCIES

Programming & Development

- Kotlin, Java
- Android SDK & Jetpack Components
- Coroutines & Flow for Asynchronous Programming
- Dependency Injection (Dagger, Hilt)

Architecture & Design

- MVVM, Clean Architecture
- Modular App Development
- UI/UX Design Principles

APIs & Data Management

- RESTful APIs & Retrofit
- Room Database, SQLite
- Firebase (Auth, Firestore, Remote Config, Cloud Messaging)

Multimedia & Performance Optimization

- ExoPlayer for Video Streaming
- HLS Video Caching & Preloading
- Memory & Performance Optimization

Version Control & Collaboration

- Git, GitHub, Bitbucket & Sonar

- Agile & Scrum Methodologies
- Click up, Jira & Slack

Testing & Debugging

- Unit Testing (JUnit, Mockito)
- Debugging with Android Profiler

Development Tools & Platforms

- Android Studio, Gradle
- Google Play Console & App Publishing
- CI/CD Pipelines

SDKs & Tools(regularly expanding)

- Androidx, Google/Facebook Ads-Auth, Firebase, Camera, Glide, Intercom, Pendo, Sonar, Media/Google Exoplayer, Twilio, Ably, Socke.IOt, Retrofit, Room Database, Coroutine, WorkManager, Lottie, Google Maps SDK, OkHttp, Dagger/Hilt, Play Core Library, Agora, LeakCanary, Google Tag Manager, ffmpeg, Amplitude, jsoup, idwise

EDUCATIONAL QUALIFICATIONS

Qualifications	Academic Year	Board/University	Institute	Mark/Percentage
B.Tech(I.T)	2019-2023	Charotar University of Science and Technology (CHARUSAT)	Devang Patel Institute of Advance Technology and Research (DEPSTAR), Changa	CGPA: 9.05
12th	2018-2019	Gujarat Board	Ashadeep Vidhyalaya, Surat	Percentage: 83.38% PR: 96.47
10th	2016-2017	Gujarat Board	Ashadeep Vidhyalaya, Surat	Percentage: 87% PR: 98.85

PERSONAL INFORMATION

- DOB: 27-Apr-2002
- Gender: Male
- Nationality: Indian
- Marital Status: Unmarried
- Location: Surat, Gujarat
- Language known: Gujarati, Hindi, English (to read, write and speak)

I hereby declare that the information, I have provided is true and it can be verified with original certificates upon your request.

Regards,
Rajen Trivedi