Shekhar Pande

Lead Android Developer

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Executive Summery

Experienced Android Developer with 10+ years of building and launching successful apps, generating $300K+ in revenue and achieving over 1 million installs on Google Play. Skilled in Kotlin, Java, and modern Android development with a strong focus on UI/UX, performance, and security. Led teams of up to six developers using Agile practices, and improved delivery through process optimization. Recently made the Talkatone app Play Integrity-compliant, integrating reCAPTCHA and HCaptcha to enhance security and prevent abuse.

Functional Expertise

Android SDK - Kotlin - Java - Coroutines - Kotlin Flows - XML - Jetpack Compose - Material Design - Hilt - Dagger2 - MVVM - MVP - Clean Architecture - Design Patterns - Camera - WorkManager - Navigation - Android Jetpack - Paging - FFmpeg - Opus - EventBus - Retrofit - OkHttp - Volley - Glide - Picasso - Bluetooth - UART - NDK - Termios - Git - BitBucket - SQLite - Room - Openfire - REST API - SOAP - HTTP - XMPP - Firebase - A/B Testing - Firebase Auth - Google Analytics - Gradle - Remote Config - Crashlytics - CI/CD - GitFlow - Unit Testing - Code Quality Tools - Agile - Google Play - Performance Optimization - Play Integrity API - reCAPTCHA - HCaptcha - SSL Pinning - OAuth 2.0 - JWT - Android Keystore - SafetyNet Attestation - Data Encryption - Secure SharedPreferences - Biometric Authentication

Professional Experience

Lead Software Engineer <div style="float:right">Dec 2022 - Present</div>

Great Software Laboratory (GS Lab) <div style="float:right">Baner, Pune</div>

○ **Talkatone:Texting & Calling** : Led enhancements to the Talkatone app's VoIP calling and messaging. Implemented Play Integrity API and reCAPTCHA to reduce abuse and ensure Play Store compliance. Improved app performance, stability, and features.
  Link : https://play.google.com/store/apps/details?id=com.talkatone.androidhl=engl=US

  - Implemented CI/CD pipelines to enhance development and security, protecting the app from fraud. Managed 3M+ daily users and 10M+ downloads, ensuring compliance and improving user satisfaction.
  - Developed own ad mediation with more than 13 ad providers, resulting in significant revenue growth. Leveraged strategies to optimize ad delivery and maximize revenue potential, contributing to the app's financial success.

Senior Software Engineer <div style="float:right">Jul 2021 - Nov 2022</div>

Xpanxion International Pvt.Ltd.(UST Global Company) <div style="float:right">Aundh, Pune</div>

○ **DriverConnect App** : During my tenure at UST BlueConch Technologies, I worked as a Senior Software Engineer (Android), primarily focusing on projects for Rand McNally. One of the key projects I led was the development of the Driver Connect
  Link : https://play.google.com/store/apps/details?id=com.randmcnally.driverconnect

  - Enhanced app functionality by incorporating USB connection types, enabling seamless data transfer and synchronization with external devices; this innovative feature boosted user retention rates by 25% and led to a 30% increase in monthly active users

○ **Rand VL** : This app is same as Driver Connect App, I led was the team which involved managing a team of 6 Android developers
  Link : https://play.google.com/store/apps/details?id=com.randmcnally.vehiclelink

  - Designed and implemented communication protocols for the Rand VL app within a tight deadaline of 6 months.

Senior Software Engineer <div style="float:right">Feb 2019 - Jul 2021</div>

Leap & Scale Growth Partners Pvt. Ltd. <div style="float:right">Aundh IT Park, Pune</div>

○ **DriverConnect App** : As a Senior Software Developer (Android) at Leap Scale, I collaborated with the team on the Driver Connect app project for Rand McNally.
  Link : https://play.google.com/store/apps/details?id=com.randmcnally.driverconnect

- Improved app rating from 3.4 to 4.2 by resolving Bluetooth connection issues.
- Developed a new communication protocol to support UART connections.
- Created hardware emulators to mimic ELD devices, enabling continued development during device shortages caused by the pandemic.

Software Engineer   Feb 2016 - Jan 2019
Sovilo Technologies Pvt. Ltd.   *Pimpri-Chinchwad, Pune*

○ **Adchurner SDK** : During my time at Sovilo Technologies, I worked as a Software Developer and contributed to several projects aimed at providing innovative solutions in the advertising domain.

- I collaborated with a senior developer on an Ad SDK project. My contributions included implementing event tracking features for various ad types and developing several interstitial ad formats.

○ **Flip Advertise (Brodcast.City)** : This app is used to uploading and sharing digital content along Ads. You can manage your screens anywhere, anytime with smart content scheduling, live content previews, device monitoring and automatic social media broadcasting.

- I was responsible for developing the VAST player for this project.

Software Engineer   Feb 2015 - Feb 2016
Nelsoft Technologies   *Nigdi, Pune*

I served as a Software Developer (Android) and contributed to the development of various applications tailored for PCMC corporations. My role involved collaborating with the team to deliver efficient and user-friendly solutions to meet client requirements.

Skills

- **Development:** Proficient in Android application development using Kotlin and Java programming languages..

- **Architecture:** Skilled in MVC, MVP, MVVM, and Java Design Patterns, with Clean Architecture principles.

- **Android Jetpack:** Proficient in utilizing Android Jetpack components, including Hilt, Camera, Compose, Room, WorkManager, Lifecycle, ViewModel, LiveData, Navigation, Paging, Permissions, Notifications, and more.

- **SDKs:** I possess expertise in utilizing a wide range of tools and technologies, including the Android SDK, JDK, NDK, Coroutines, Flows, as well as external SDKs such as Smack, FFmpeg, Opus, EventBus, Parse, and SpatiaLite. Additionally, I am proficient in Android Support Library, ButterKnife, EventBus, Firebase, Dagger 2, Room Persistence Library, LiveData, Glide, Volley, Timber, Picasso, Chuck, Moshi, and Retrofit.

Online Courses & Certifications

- Google Play Academy - Store Listing Certificate (Dec 2023) - Google

- Microsoft Technology Associate (May 2014) - Microsoft

- IBM Certified Associate Developer (March 2013) - [IBM](IBM)

Awards & Reorganizations

- Most promising player award (2021) Leap and scale Pvt.Ltd

- Pat on back award (2022) UST BlueConch Technologies

- Employee of the year (2018) Sovilo Technologies Pvt. Ltd

Education

Bachelor of Computer Engineering   2012 – 2015
Savitribai Phule University of Pune   *Pune, MH*
Diploma of Computer Engineering   2010 – 2012
Maharashtra State Board of Technical Education   *Mumbai, MH*