

SOFTWARE ENGINEER

Android Developer with 5+ years of experience in building high-performance mobile applications using Kotlin, Java, MVVM, Jetpack Components, and Firebase. Proven expertise in full app lifecycle development, team leadership, and modern Android architecture. Delivering scalable, user-friendly apps with 99.9% crash-free stability.

CONTACT

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EXPERTISE

Android

Kotlin

Jetpack Components

MVVM

Git

Modern Android Development

EXPERIENCE

SENIOR ENGINEER

Qburst Technologies, Noida

Jun 2023 - Present

Grocery Outlet: Loyalty App

- Grocery Outlet Inc. operates over 450 discount supermarkets across the U.S.
- Engineered personalized offers within the Grocery Outlet loyalty app by leveraging Customer Data Platform (CDP) insights
- Achieved a 15% increase in user engagement through targeted in-app experiences
- Led development of enterprise-level Android applications using Kotlin, MVVM, and Jetpack Components, serving 100K+ active users with a 99.9% crash-free rate.
- Reduced ANR (Application Not Responding) errors by 80% through strategic refactoring of legacy code, resulting in a 99.9% crash-free session rate and improved user satisfaction for 100K+ active users.
- Integrated Braze SDK to power real-time push notifications, in-app messaging, and user analytics, leading to a 25% increase in campaign engagement and improved user retention.
- Mentored 2 junior developers, promoting MVVM architecture, modular design, and Android best practices.

SOFTWARE ENGINEER L2

Indianic, Ahmedabad

Jul 2021 - Jun 2023

- Facilitated in quality assurance for You App, a multi-category e-commerce platform, across food, fashion, grocery, and electronics; identified and reported 20+ critical bugs to the engineering team weekly.
- Implemented Firebase Deep Linking and optimised UI for 50K+ users.
- Reduced app crashes by 30% through performance tuning.

Sector App

An e-commerce app with integration of GraphQL APIs. Embedded Apollo GraphQL in Android. Development of Magento e-commerce with the latest libraries.

- Designed and implemented UI for the onboarding flow and cart management, improving user experience and reducing checkout time by 20%, contributing to a more streamlined purchase journey.
- Incorporated Apollo GraphQL client into Android app for seamless communication with Magento e-commerce backend.

You App

Revamped Android UI of online retail app featuring six categories, including food, fashion, and electronics; increased average order value by 15% by optimising product discovery and presentation with code review of the whole application.

- Code review with the Integration of Sonarqube.

ANDROID DEVELOPER

PHP Poets Private Limited, Udaipur

Jun 2019 - Jul 2021

Alok School App (Student Management Platform)

Centralised student platform featuring multi-role login and performance dashboards, enabling seamless communication between students, teachers, and guests; the system processed 10,000+ user requests within the first year of launch.

- Built and deployed multi-role login system (Guest, Teacher, Student) and interactive performance dashboards with real-time analytics and visualisations, enhancing user access control and academic transparency for 1,000+ active users.
- Configured Firebase Cloud Messaging (FCM) to deliver timely push notifications, improving communication efficiency and increasing daily active user engagement by 30%.

Healthy Master

Healthy Master is an online retail platform which deals in dry fruits, snacks, chips & nuts.

- Designed and developed UI screens for onboarding, product search, shopping cart, and checkout flow, resulting in a 25% improvement in user navigation efficiency and smoother purchase experience.
- Incorporated Razorpay SDK for secure, seamless multi-method payment processing, reducing payment failures by 30% and enhancing customer trust.
- Contributed to the success of an app that gained national attention by being featured on Shark Tank India.

EDUCATION

Indian Institute of Technology (IIT), Patna

Mar 2023 - May 2025

M.Tech, Cloud Computing

Rajasthan Technical University

Aug 2015 - May 2019

B.Tech, Computer Science & Engineering

PROFESSIONAL DEVELOPMENT & CERTIFICATIONS

Technical Writing at Medium

Technical blogs about mobile technology

AWS Fundamentals: Going Cloud-Native

Dec, 2020

Java (Advanced): Hacker Rank

Nov, 2020

SKILLS

Android Development: Kotlin, Java, Android SDK, Jetpack Components, MVVM, Android Architecture Components, Asynchronous Programming (Coroutines), Dependency Injection (Dagger/Hilt), Firebase

Backend Technologies: REST APIs, GraphQL APIs, Apollo GraphQL, Magento Ecommerce, Payment Checkouts (Razorpay), Databricks, Braze SDK, Branch SDK

UI/UX: UI Design, User Interface Optimisation, Accessibility, ADA Compliance, Deep Linking, Navigation Design, Layout Design, Component Design

Testing and QA: Quality Assurance, Bug Reporting, Sonarqube, JUnit, Mockito, Espresso, UI Testing, Integration Testing, Performance Testing

DevOps: Git, GitHub, GitLab, Jenkins, CircleCI, Travis CI, Gradle, Maven

Architecture: Clean Architecture, Model-View-ViewModel (MVVM), Modularisation, Design Patterns (Singleton), SOLID Principles, Reactive Programming (Coroutines Flow)