

SKILLS

LANGUAGES & ANDROID

Kotlin • Java • Jetpack Compose
• Coroutines & Flow • Media3 / ExoPlayer

ARCHITECTURE

MVVM • MVI • Clean Architecture
• Design Patterns • Offline-First

DATA, DI & NETWORKING

Room • Paging • WorkManager • MQTT
• Hilt / Dagger • Koin • RxJava • Retrofit
• Ktor • REST APIs
• API Design & Versioning

CROSS-PLATFORM

Kotlin Multiplatform
• Compose Multiplatform

TESTING & DELIVERY

TDD • Unit & UI Testing • Code Coverage
• CI/CD Pipelines • Release Management
• Crashlytics
• Custom Metrics & Dashboards
• On-Call Rotation • Incident Response
• Postmortems

TOOLS

Gradle • Git • ADB • Jira • BitBucket

EMBEDDED SYSTEMS & HARDWARE

Embedded Systems • Arduino • GPS
• Telematics • POS Terminals
• Barcode Scanning • Receipt Printing

AI & AGENTIC ENGINEERING

- Authored **Claude Code agents and skills** that auto-generate Play Store screenshot sets and promo videos from a build, replacing a manual design handoff.
- Run **spec-driven development** with coding agents (Claude Code, OpenCode) and local models (Ollama, llama.cpp).

KNOWLEDGE SHARING

- **1.6k StackOverflow reputation** (101k reach); articles on **Navigation3, MCP servers, and Compose**; maintains **open-source Android and AI tooling projects**.

EDUCATION

Bachelor of Engineering, Computer Science

North Maharashtra University • 2015

PROJECTS

Colorblind Camera

Corrects colors for colorblind users and simulates how people with each color vision deficiency see the world. [play.google.com](#) → [colorblindcamera](#)

Guess The Object

Object-guessing puzzle game with hints and a spin-wheel reward system. 5K+ downloads, AdMob monetization. [play.google.com](#) → [guesstheobject](#)

SUMMARY

Lead Android engineer with **10+ years** building payment and ticketing products, including eight years across Paytm entities. Owned architecture, delivery, and production operations across four consumer payments verticals, and a business app on third-party POS Android terminals. Built a team of 6 Android engineers and 4 QA, and drove org-wide adoption of Compose, Hilt, and KMP across 5+ teams.

EXPERIENCE

Product Engineer, Android

Jan 2026 – Jul 2026

Billion Hearts Software Technologies

PicSee. Company shut down Jul 2026.

- Owned architecture and delivery of **Search, Community (Gang), and Event** features from design through release.
- Developed **on-device video face detection and face clustering** pipelines for person-based video organization.
- Implemented **end-to-end encrypted video sharing and playback** (ExoPlayer / Media3); improved photo processing performance by **13%**.
- Built an **MCP server** exposing **ADB-based tools** (tap, swipe, screenshot, UI inspection) that let LLM agents drive and test real Android devices.

Engineering Lead, Android

Sep 2022 – Dec 2025

Paytm

Built the team from scratch: 6 Android engineers and 4 QA. Partnered with a 4-person iOS team; worked across 15–20 engineers in 5+ teams.

- Owned architecture, delivery, and production stability for four consumer payments verticals (**Chat, Payment Discovery, Passbook, Scan & Pay**), including **release management, on-call rotation, incident response, and postmortems**.
- Re-architected **Chat to an offline-first architecture**, making it usable ahead of every payment in Paytm, the change that carried the app to **30M+ weekly active users**.
- Owned **observability end-to-end** (crash and ANR reporting, custom metrics, dashboards, production monitoring) and **defined and finalized API contracts and versioning strategy with backend engineering**. Worked with product managers, designers, and backend engineering to close requirements across all four verticals.
- Drove org-wide adoption of **Compose, Hilt, KMP, and CMP** across 5+ teams, and authored the architecture and quality standards other teams adopted.
- Built an internal MCP service connecting LLMs to **Jira, BitBucket, and the engineering wiki**, automating developer workflows across the engineering org.
- Established **CI/CD with test automation, code-coverage, static-analysis, and binary-size reporting on every PR**, raising Pre-Payment coverage to **58%**; drove the XML → Compose migration, reducing app size by ~250KB.
- Reduced Chat Home load time by **75%** and background sync time by **68%** through database and sync-layer redesign; refactored Scan & Pay (**+3% repeat user transactions**) and shipped the Received Payment screen (**+5% daily transaction volume**).
- Ran the full Scrum ceremony cycle (planning, standups, review, retrospectives) for four vertical teams, owning sprint commitments and delivery sign-off; partnered with Payments, Promo, Home, Core Platform, and Auth on payment sequencing, receive-payment, KMP adoption, and **UPI International**.

Android Developer

Sep 2016 – Sep 2022

Paytm Insider.in

Event and movie ticketing platform. On Paytm projects from 2019; Paytm payroll from 2022.

- Owned **both the consumer and business apps** from architecture through release, and **integrated the business app to run on third-party POS Android terminals**, driving each terminal's **built-in barcode scanner** for ticket validation and **integrated printer** for receipt printing.

Android Developer

Sep 2016 – Sep 2017

Care24

- Developed the **Customer App** on a **Single Activity architecture** with fragments, integrating the **Paytm payment gateway SDK** for transactions; managed the **CareGiver App**.
- Built the **Teleport Tablet Android app** for tracking patient recovery.

Android Developer

Aug 2015 – Sep 2016

ContrailTech

- Integrated **Arduino with GPS, Wi-Fi, Bluetooth, and GSM modules** to build real-time telematics monitoring of **fuel usage, rash driving, and vehicle location**, exposed to a companion Android application.