Chirag Sidhiwala

Mobile Tech Lead | Mobile Architecture & Reliability

chirag.sidhiwala@hotmail.com
Pune, India
linkedin.com/in/chiragsidhiwala
github.com/chenky2981988



Profile Summary

- **Mobile Tech Lead with 16+ years of experience** delivering large-scale mobile products, combining hands-on **Android and Kotlin expertise** with technical leadership across Android, iOS, and mobile QA engineering.
- Deep expertise in **mobile architecture and architecture modernization**, **Jetpack Compose**, Kotlin **Coroutines** and **Flow**, MVVM, Clean Architecture, Hilt, automated testing, mobile **DevOps**, production monitoring, **performance**, and reliability.
- Proven record of modernizing mobile platforms, resolving complex performance and connected-device challenges, and introducing **agentic engineering automation**; delivered approximately **60% performance improvement** and sustained a **99.8% crash-free rate** for a platform serving millions of users.

Technical Skills

Android & Mobile Engineering — Android • Kotlin • Jetpack Compose • Kotlin Coroutines • Flow • LiveData • Kotlin Multiplatform (KMP) • MVVM • Clean Architecture • Hilt • JUnit • MockK • Espresso • Android Profiling

Mobile Architecture & Technical Leadership — Mobile Architecture • Architecture Modernization • Architecture Governance • Technical Strategy • Roadmap Planning • Design Reviews • Code Reviews • Engineering Standards • Mobile QA

Cross-Platform Technical Oversight — iOS • Swift • SwiftUI • XCTest • XCUITest • React Native • Flutter

Mobile DevOps, Quality & Reliability — Mobile CI/CD • Build Automation • Automated Testing • Release Engineering • Production Monitoring • Firebase Crashlytics • Performance Monitoring • Performance Optimization • Incident Triage • Root Cause Analysis • Reliability Engineering

AI-Driven Engineering — Agentic Engineering • Multi-Agent Systems • UI Test Automation • Automated Failure Triage • Automated Remediation • Pull Request Generation and Review Automation • Claude Code • OpenAI Codex • Devin • GitHub Copilot • CodeRabbit • Gemini

IoT, Connectivity & Integration — Bluetooth Classic • Bluetooth Low Energy (BLE) • Beacon Technology • Connected Device Integration • IoT Solutions • REST APIs • Backend Integration • Firebase • FinAPI

Analytics & Privacy — Mixpanel • Google Analytics • mParticle • OneTrust CMP

Professional Experience

Stocktwits Inc. 08/2022 – 08/2026
Mobile Tech Lead (Stocktwits Mobile Apps | Android & iOS) Pune, India

- Owned the **mobile technical strategy and architecture** across Android and iOS for Stocktwits, a financial markets platform serving millions of users, driving architecture decisions, engineering standards, design reviews, code quality, and technical roadmap execution.
- Led hands-on **Android architecture modernization** using Kotlin Coroutines and Flow, Hilt, and Jetpack Compose, delivering approximately **60% performance improvement** and sustaining a **99.8% crash-free rate**.
- Established **mobile DevOps and release engineering practices** across CI/CD, build automation, automated testing, release readiness, production rollout, Crashlytics monitoring, incident analysis, and reliability improvement.
- Architected **agentic engineering workflows** that ran automated UI tests daily, detected failures, performed root cause analysis, generated fixes, and raised pull requests; extended the approach to **Crashlytics alert triage and automated performance monitoring**.
- Provided technical leadership and mentoring to a **distributed team of 6–8 engineers across IST, EST, and PST**, guiding architecture, implementation, complex problem-solving, and engineering execution across mobile and QA engineering.

GoFin Labs India Pvt. Ltd. 09/2020 – 08/2022
Senior Android Engineer / Android Tech Lead (GoPayLater) Pune, India

- Led and mentored a **team of three Android engineers** delivering GoPayLater within Gojek's ecosystem, owning Android technical direction, architecture decisions, implementation quality, and feature execution.
- Translated product requirements into **mobile architecture, technical designs, estimates, and implementation plans**, remaining hands-on with complex Android integrations, code reviews, test readiness, and critical implementation work.
- Drove features from technical planning through production, coordinating Product, Backend, QA, and Gojek platform teams to resolve cross-module dependencies and deliver **reliable payment experiences at scale**.

KPIT Technologies Limited 07/2019 – 09/2020
Tech Lead Pune, India

- Served as the **hands-on Tech Lead for MaximusPro**, defining the Android technical approach for an IoT mobility platform connecting mobile applications with vehicle devices through **Bluetooth Classic and Bluetooth Low Energy (BLE)**.
- Translated connected-mobility use cases into **Android architecture and IoT integration solutions**, evaluating technical trade-offs and guiding implementation across mobile workflows, Bluetooth communication, and connected-device interactions.
- Diagnosed and resolved complex **Bluetooth Classic, BLE, and device-integration challenges**, reviewed critical implementations, and guided the engineering team through integration testing and production release.

Capgemini India Pvt. Ltd. 12/2016 – 06/2019
Senior Consultant Pune, India

- Engineered a **health insurance mobile solution for Veda**, applying OCR-based document and image processing to support initial document verification and digital health-document workflows.
- Designed and developed an **IoT-enabled enterprise security solution for HP laptops**, collaborating with Android, design, and QA teams across implementation, integration testing, and delivery.
- Implemented laptop-to-mobile connectivity using **Bluetooth Classic and Bluetooth Low Energy (BLE)**, enabling proximity-based device locking, security configuration, and real-time security alerts.

Mobiquity Inc. (Acquired by Hexaware Technologies) 04/2015 – 12/2016
Senior Android Developer Pune, India

- Delivered Android solutions across **8+ client applications** spanning e-commerce, transportation, healthcare, and media, supporting concurrent development and diverse product requirements.
- Designed and implemented **BLE beacon-based indoor navigation and product discovery** for a shopping mall application, combining beacon proximity signals with an internal mall map to identify user location, calculate routes, and guide shoppers to relevant stores and products.
- Supported multi-application delivery and production operations, resolving technical issues and maintaining delivery continuity across parallel client engagements.

Zensar Technologies Ltd. 05/2013 – 03/2015
Software Engineer Pune, India

- Developed and delivered Android features across **AIA Vitality, Samsung ePass, e-commerce, and entertainment applications**, addressing diverse product and integration requirements.
- Built **Bluetooth-enabled retail solutions**, integrating real-time barcode scanners for product lookup and Bluetooth printers for on-device transaction printing.

Sabse Technologies 05/2010 – 04/2013
Software Developer Gandhinagar, India

- Built and shipped **Jaxtr messaging and internet-calling applications**, enabling real-time internet messaging and VoIP-based calling.
- Developed SMS fallback capabilities for users outside the Jaxtr network, contributing to rapid adoption of **more than one million users within the first week of launch**.

Technical Project & Product Innovation

Nivora 09/2026 – Present
Personalized Mutual Fund Advisor

- Currently building Nivora, a **cross-platform personalized mutual fund advisor** for web and mobile using React Native, Gemini, and FinAPI.
- Architected a **hybrid advisory system** combining a deterministic fund analysis engine with Gemini to evaluate a user's financial profile, construct risk-aligned allocations, and narrow validated fund options into a focused shortlist.
- Engineered **responsible AI guardrails** that restrict Gemini to engine-approved funds, validate its output, prevent fabricated data or return predictions, and keep every recommendation **within the user's stated risk limits**.

Education

Dharmsinh Desai University 08/2006 – 05/2010
B.Tech. in Computer Science Nadiad, Gujarat, India

Professional Development

Future Manager / Connected Manager — Capgemini × Harvard Business Publishing 05/2018 – 11/2018
Pune, India
Leadership development program covering **people management**, **team leadership**, **managerial mindset**, and **effective management** practices through **Harvard ManageMentor**.

Recognition

Star Performer 09/2017
Capgemini India Pvt. Ltd.

Top ZenPoint Earner (SSU-PUNE) 07/2014
Zensar Technologies

Languages

English | Hindi | Gujarati