

# Jay Kishor Dwivedi

## Mobile Architect/Lead Android Developer

+91 8600227438 · [jaidwivedi20@gmail.com](mailto:jaidwivedi20@gmail.com) · Hyderabad, India

[LinkedIn](#) · [GitHub](#) · [Portfolio](#)

### SUMMARY

Mobile Architect with 11+ years building scalable Android and cross-platform apps across HR, Sports, fintech, and healthcare domains. Expert in Kotlin, Jetpack Compose, React Native, and Flutter. Proven leader in modernizing legacy systems, driving AI-assisted development, and accelerating delivery cycles by 30-40%.

### CORE COMPETENCIES

- Team Leadership & Mentorship
- Clean Architecture & MVVM
- Cross-Platform Development
- CI/CD & DevOps
- AI-Powered Development
- Performance Optimization
- Agile & Solution Design
- R&D & Innovation

### TECHNICAL SKILLS

#### Languages:

Kotlin, Java, JavaScript, TypeScript, Python(Basic), Dart(Basic)

#### Mobile Development:

Android SDK, Jetpack Compose, React Native & Expo, Flutter & FlutterFlow, Xamarin Native

#### Architecture & Design:

MVVM, Clean Architecture, Hilt, Koin, DI, Solution Design

#### Backend & Data:

### PROFESSIONAL EXPERIENCE

#### Coforge Limited — Senior Technical Lead

Hyderabad | Jan 2024 – Present

- Led HCM (Zenefits) Android app development using Kotlin, Jetpack Compose, and Coroutines; improved UI efficiency.
- Built TriNet HR Platform with React Native and Expo; ensured seamless cross-platform experience.
- Developed YourPeople3 backend in Python; implemented push notifications with FCM and migrated from legacy API to V1.
- Built Banking apps and dashboards using Flutter and FlutterFlow; reduced delivery time with low-code approach.
- Integrated AI tools (GitHub Copilot, Gemini 2.5, ChatGPT, Claude) for code generation and productivity.
- Participated in R&D, architecture discussions, and cross-platform module development in Agile environment.
- Managed workflows in JIRA; handled Git repositories, code merges, and CI/CD pipelines.
- Rolled out a shared Jetpack Compose design system reused by five squads, shrinking UI delivery time by 40%.
- Stabilized observability stack (Crashlytics + Datadog + Firebase Performance) to lift crash-free sessions to 99.6%.
- Used the CircleCI-powered mobile app pipeline with static checks, signed artifacts, and staged rollouts to secure faster approvals.
- Used Sentry for API monitoring and structured log captures, routing alerts to on-call Slack rooms for rapid triage.

#### Nityo Technology — Lead Android Developer

Gurgaon | Mar 2023 – Dec 2023

- Architected critical modules for The Straits Times app (Kotlin, Compose); increased user engagement.
- Attended weekly R&D meetings; contributed to cross-platform teams.
- Managed Jira for Agile task tracking.
- Handled Git management, code merging, and CI/CD.
- Analyzed requirements and developed new modules.
- Piloted Kotlin Multiplatform proof of concept for shared article widgets, removing 30% duplicate code.
- Partnered with product/data on personalization experiments that boosted returning reader retention by 12%.

#### Riktam Technology — Lead Android Developer

Hyderabad | Jul 2022 – Feb 2023

- Led Universal Tennis App team; managed sprint planning, code merges, and CI/CD (Jenkins).

Room, SQLite, PostgreSQL, Supabase, GraphQL, REST APIs, Retrofit, Coroutines, RxJava

### DevOps & Tools:

CI/CD (Jenkins, Bitrise), GitHub/Bitbucket, Jira, SonarQube, AWS Monitoring, Firebase Crashlytics, FCM

### Testing & Quality:

JUnit, Mockito, NUnit/XUnit, Unit Testing, Test Automation, Code Review

### Cloud & AI:

Firebase (Auth, FCM, Crashlytics), Google APIs, AI Tools (Gemini, ChatGPT, Claude, GitHub Copilot), Multi-agent Systems

### Additional Technologies:

WebRTC, TensorFlow, Vision APIs, Google Maps, JSON/XML

## LANGUAGES

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English, Hindi

## EDUCATION

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### MCA – Master of Computer Applications

IPS Academy, Indore

Indore | 2014

### BCA – Bachelor of Computer Applications

Dr. VSICS, Kanpur

Kanpur | 2011

## CERTIFICATIONS

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- Digital Mobile Computing: Android Foundation
- Process Agile Way of Working Foundation
- Adobe Qualified, Adobe Experience Platform

- Conducted weekly R&D meetings; contributed to cross-platform development.

- Used Jira for Agile task tracking.

- Analyzed requirements; developed modules with real-time analytics and Google Maps.

- Mentored six Android engineers on Compose/MVVM patterns, cutting onboarding time by three sprints.

- Integrated Jenkins quality gates and Firebase Test Lab smoke suites to block regressions before release.

### T-Systems ICT — Lead Android Developer

Pune | Jun 2021 – Jul 2022

- Worked as Technical Lead; led One App and Mesh Setup App development.

- Managed Git server, code merging, and CI/CD.

- Conducted weekly R&D meetings; contributed to cross-platform teams.

- Developed internal SDK demos; enhanced cloud connectivity with APIs.

- Designed modular BLE/Wi-Fi connectivity layer reused by two OEM hardware programs and smart routers.

- Introduced SonarQube gating, automated release notes, and feature flag playbooks, trimming regression defects by 25%.

### Tata Consultancy Services — Lead Android Developer

Pune | Aug 2018 – Jun 2021

- Worked as Technical Lead; guided Mybpost app as Solution Designer.

- Part of TCS DI Architecture group; handled code/document review and release sign-off.

- Provided solutions for project challenges; led technology adaptation initiatives.

- Architected features, analyzed requirements, and ensured timely releases.

- Distributed modules; handled sprint planning on Confluence and Jira.

- Advanced DevOps automation for CI/CD, version control, and user acceptance testing.

- Managed Git server and code merging; conducted weekly R&D meetings.

- Coordinated a 15+ engineer squad across Pune and Montreal to deliver four major releases per year with zero slip.

- Led the end-to-end Xamarin-to-native Android migration for Mybpost, rebuilding complex logistics flows and release automation.

- Served on the unit hiring panel, ran onboarding bootcamps, and evangelized Flutter/Compose through org-wide enablement sessions.

### Borm Bruckmeier InfoTech — Sr. Android Developer

Pune | Feb 2014 – Jul 2018

- Worked in R&D; analyzed requirements and developed new modules.

- Tracked latest Android releases; checked compatibility issues.

- Created Java desktop app for generating medical algorithms and interactive tools.

- Mapped client requirements; implemented solutions with improvements.

- Conducted weekly R&D meetings.

- Partnered with European Society of Cardiology editors to codify 50+ clinical algorithms into reusable templates.

- Automated release pipeline so medical editors could publish guideline updates to apps within 24 hours.

## SELECTED PROJECTS

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- **HCM (Zenefits) Android App** (*Sr. Technology Specialist*) — Modern HR mobile experience with Compose UI, FCM notifications, and v1 API migration. [Kotlin, Java, Compose, Coroutines, FCM, Python, Flask, REST APIs, GitHub, Jira, Agile]
- **TriNet HR Platform App** (*Sr. Technology Specialist*) — React Native HR platform with reusable modules and secure backend integrations. [React Native, Expo, TypeScript, REST APIs, GitHub, Jira, Agile]
- **Banking App, Dashboard & Configurator** (*Sr. Developer*) — Low-code Flutter/FlutterFlow dashboards delivering workflow automation and live insights. [Flutter, FlutterFlow, Firebase, REST APIs, GitHub, Jira, Agile]
- **YourPeople3 (Zenefits Backend)** (*Sr. Technology Specialist*) — Python + FCM backend refresh that unified notification flows and replaced legacy APIs. [Python, Flask, FCM, REST APIs, Git, Jira, Agile]
- **The Straits Times** (*Developer / Technical Lead (Team: 8)*) — Compose-based news app with personalization, unit tests, and Bitrise CI/CD boosts. [Kotlin, Compose, Firebase Auth, Retrofit, MVVM, Koin, Mockito, Bitbucket, Jira, Bitrise, SQLite, Room, Coroutines]
- **Universal Tennis App** (*Developer / Technical Lead (Team: 4)*) — Global tennis community app featuring real-time analytics, Maps, and Jenkins pipelines. [Kotlin, Firebase, Google Maps, Retrofit, MVVM, Dagger Hilt, Mockito, Jira, GIT, Jenkins, SQLite, Room, Coroutines]
- **App Transporter** (*Lead Developer & Architect*) — End-to-end transport platform with live tracking, bookings, and payments powered by Kotlin, Jetpack Compose, and Supabase PostgREST. [Kotlin, Jetpack Compose, Material Design, Coroutines, Supabase, PostgREST, Firebase, Room, MVVM, Clean Architecture, REST APIs, GitHub, Jira]
- **MyBpost** (*Technical Lead, iOS/Android Lead & Cross-Platform Team Lead*) — Postal logistics suite migrated from Xamarin to native Android/iOS while leading cross-platform delivery, Compose UI rebuilds, and RxJava pipelines. [Xamarin Native, Kotlin, RxJava, Jetpack Compose, Coroutines, iOS Native, Swift, MVVM, Clean Architecture, Retrofit, Room, SQLite, REST APIs, Firebase, GitHub, Jira, Jenkins]
- **ESC Pocket Guidelines** (*Senior Android Developer*) — CE-marked cardiology reference app with medical calculators, offline content, and Firebase sync built in Java and Retrofit. [Java, Android SDK, Firebase, Retrofit, XML, SQLite, REST APIs, Medical Algorithms, GitHub, Jira]
- **In-House App Configurator** (*R&D Developer & Lead*) — Modular framework that lets teams toggle modules live, restyle screens, and ship new apps in days using dynamic configs. [Java, Android SDK, Modular Architecture, Dynamic Module Loading, Feature Flags, XML Configuration, REST APIs, SQLite, GitHub, Jira, R&D]