

SULABH DEEP PURI

STAFF ANDROID ENGINEER | ANDROID TV & HIGH-SCALE SYSTEMS SPECIALIST

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PROFESSIONAL SUMMARY

Staff Android Engineer with 10+ years of experience designing and delivering scalable, high-performance applications across consumer platforms, super apps, gaming ecosystems, and specialized Android TV/STB environments. Proven track record of orchestrating engineering teams of up to 8 developers to deliver software architectures scaled for over 10M+ active users. Deep technical expertise in Kotlin, Clean Architecture, MVVM, and Jetpack components, with an elite focus on rendering pipeline optimization, application stability, and modular system design. Experienced in establishing robust CI/CD automation pipelines, test-driven development (TDD), and large-scale deployments maintaining an average crash-free threshold exceeding 99.5%.

TECHNICAL SKILLS MATRIX

Specializations	Android TV / STB Development, Custom Launcher Architectures, Background Telemetry & Diagnostics
Languages & Reactive	Kotlin, Java, Asynchronous Programming (Coroutines & Flow)
Architecture & Design	Clean Architecture, MVVM, Multi-Module Architecture, SOLID Principles
Data & Networking	REST APIs, Retrofit, Room DB, WorkManager, Dependency Injection (Hilt, Dagger2)
DevOps & Testing	Test-Driven Development (TDD), Automated Unit Testing (85% Coverage), CI/CD Pipelines, Git
Analytics & Tools	Firebase, Crash Analytics, Agile / Scrum Methodologies

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Accedo.tv

2022 - Present

Tata Play Binge+ Launcher (Android STB Launcher – 600K+ Users)

- Architected the primary launcher experience for Tata Play STB devices, managing and leading an elite 8-developer Android engineering team.
- Re-engineered rendering workflows and layout hierarchies to cut system memory consumption by 20% and drop cold start latency by 25% on resource-constrained hardware.
- Optimized core application frameworks to realize a 30% baseline performance improvement through strategic architecture modernizations.
- Maintained absolute application stability with verified crash-free sessions exceeding a 99.5% threshold.

Tata Play Binge+ Diagnostic & Monitoring System

- Spearheaded a dedicated team of 3 Android developers to design and implement a comprehensive background diagnostic telemetry framework deployed across 600K+ STB devices.
- Engineered a low-overhead, non-blocking background architecture capable of executing continuous system diagnostics without compromising foreground application performance.
- Sustained a premium stability benchmark of 99.8% crash-free telemetry reporting sessions.

Senior Software Engineer | Dew Solutions

2020 - 2022

Tata Neu Super App (10M+ Downloads)

- Directed a 5-developer Android engineering cell tasked with building, scaling, and maintaining the platform's high-stakes Insurance module.
- Designed and implemented a decoupled, highly scalable multi-module architecture to eliminate cross-team development bottlenecks and optimize feature deployment cycles.

Senior Android Developer | Fluper Ltd

2019 - 2020

- Formulated and delivered highly functional enterprise Android client applications across diverse consumer spaces.
- Successfully managed legacy system migrations from outdated codebases into 100% Kotlin, standardizing modern reactive patterns across engineering verticals.
- Instituted structured technical code reviews and enhanced internal engineering workflows to enforce top-tier architectural practices.

Android Developer | Black Light Studio Works

2015 - 2019

Ludo Superstar (10M+ Downloads)

- Owned core maintenance and continuous performance scaling for a mass-market gaming platform, sustaining a 99.9% crash-free user session metric.
- Overhauled system lifecycle configurations and memory allocation strategies to mitigate runtime resource leaks.
- Represented the engineering organization within the exclusive Google 'Build for Billions' product feedback cohort.

HIGHLIGHTED ENGINEERING ACHIEVEMENTS

- **Mass Scale Impact:** Engineered, deployed, and scaled production applications serving a cumulative footprint of over 10M+ active global users.
- **Leadership Track Record:** Directed and mentored engineering cohorts ranging up to 8 active developers across complex enterprise modules.
- **System Resiliency:** Consistently sustained elite platform stability metrics spanning between 99.5% and 99.9% across millions of active sessions.
- **Optimization Mastery:** Directed performance overhauls yielding a 30% application speed boost, a 20% memory footprint contraction, and a 25% cold start lag reduction.
- **Rigorous Quality:** Enforced structural quality standards to maintain a strict 85% automated unit test coverage policy across complex codebases.

EDUCATION

B.Tech in Computer Science Engineering | CET IILM AHL, Greater Noida

2009 - 2013