

Dasari Venkatasai Nikhil

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EXPERIENCE

SDE - 1, Star India Pvt.Ltd. (JioHotstar) – Bangalore, Karnataka

Nov 2024 – Aug 2025

- Developed and launched the HVA Endpoints tray UI with reward-driven card logic based on Watchlist and Trailer engagement.
- Built interactive gradient progress indicators linked to user milestones, improving task clarity and user retention.
- Applied backend-defined themes using Tesseract, standardizing UI styles across multiple screens and devices.
- Integrated revised Protobuf schema to streamline card data parsing and support upcoming UI configurations.

SDE - 1, Viacom Media Pvt.Ltd. (JioCinema) – Bangalore, Karnataka

July 2022 – Nov 2024

- Revamped end-to-end subscription flow integrating UPI/card payments, discount modules, and transactional state management.
- Migrated player infrastructure and dependencies to Maven, reducing build times and improving development efficiency.
- Redesigned key UI widgets for compliance with modern accessibility and branding standards.
- Rebuilt Sticky Notification service with improved rendering, behavior fixes, and consistent visual behavior across Android versions.
- Addressed edge cases in Watch Party, Match Card, and 360 Player; enabled reliable analytics via precise Mixpanel triggers.
- Shifted all configuration flags to LaunchDarkly and implemented domain-specific WebView filters based on trust logic.

Software Intern, Viacom18 Media Private Limited – Bangalore, Karnataka

Oct 2021 – June 2022

- Created modular UI screens using Jetpack Compose, dynamically populated via JSON-driven layouts.
- Designed MVVM-based architecture with Retrofit to improve data flow and testing efficiency.
- Built reusable UI elements like card views and banners mapped directly to backend responses.
- Validated code quality through UI automation and profiling, ensuring responsive rendering on varied devices.

TECHNICAL SKILLS

- **Android:** SDK, Jetpack Compose, Architecture Components, MVVM, MVI, Coroutines, Flow, Firebase, Google Play Services
- **Skill set:** Android Development, Kotlin, Java, Algorithms, Data Structures, UI Development (XML, Material Design)
- **Frameworks and Libraries:** OkHttp, Retrofit, Gson, Jackson, Dagger2, Hilt, Koin, Glide, Coil, Mixpanel, Clevertap
- **Tools:** Android Studio, IntelliJ IDEA, Figma, Jira, Charles Proxy, Postman, SourceTree, PagerDuty (OnCall)
- **Version Control and Build Tools:** Git, GitHub, Maven, Gradle, CI/CD (Git-based pipelines), JUnit, Espresso

PROJECTS

• JioHotstar Android Application – Loyalty Team

Contributed to development of the HVA Endpoints tray with interactive card logic and dynamic gradient progress visuals. Integrated Tesseract-based themes and implemented Protobuf model updates to accommodate UI data rendering.

• JioCinema Android Application – Dazzle and Subs Team

Built a comprehensive subscription module with payment integration, offer handling, and failure fallback. Migrated video player codebase to Maven for modular builds, refactored Sticky Notification logic, and established runtime flags using LaunchDarkly.

EDUCATION

VIT University, M.Tech Integrated Software Engineering (Computer Science)

July 2017 – May 2022

- GPA: 8.58

Narayana Junior College, Higher Secondary Education (MPC)

August 2015 – March 2017

- GPA: 9.5