

# Shuja Reshi

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## TECHNICAL SKILLS

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**Languages:** Kotlin, Java, Python, JavaScript, Golang

**Android:** Jetpack Compose, Coroutines/Flow, Hilt, Retrofit, Room, DataStore, Leanback, Android TV, MVVM

**Tools/Frameworks:** Firebase, Glide, Coil, Amplitude, GitHub Actions, Django, Flask, React Native

**Architecture & System Design:** Clean Architecture, Modularization, Performance Optimization, API Design, Feature Flags

## PROFESSIONAL EXPERIENCE

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**Disney+ Hotstar, Bengaluru, IN**

**Senior Software Engineer**

Jan 2025 - Present

- Led architecture & delivery of Android Mobile & TV features for the #1 streaming app in India (300M+ MAU), driving major sports & entertainment experiences.
- Architected the Conversational Discovery system: evaluated 5+ Speech-to-Text providers, benchmarked WER/latency/cost, and defined a hybrid STT architecture optimized for Indian English & Hinglish code-switching.
- Designed and built a new Tooltip/Coachmark System for Android TV, solving complex focus transitions, implementing multi-step interactive tooltips, and improving user guidance across key surfaces.

**Software Development Engineer 2**

Aug 2021 - Jan 2025

- Designed & implemented the Content Rating system, increasing personalization and boosting watch time by 1.2% across platforms.
- Integrated reCAPTCHA, reducing fraudulent SMS traffic by 48% and saving \$1M+ monthly in SMS costs.
- Served as Game Marshal for IPL, ensuring stability and seamless playback for 20M+ concurrent users during peak live events.
- Reduced production issues from 80 to 13 in a quarter through monitoring improvements and cross-team collaboration.
- Delivered Google IAP and partner authentication (JioTV, SunTV), enabling seamless login & payment experiences.
- Built and shipped email login flows for international regions (Canada, Singapore, UK), supporting 2M+ users.
- Led engineering learning initiatives by introducing Brown Bag sessions for cross-team knowledge sharing.

**Magicpin, Gurugram, IN**

**Application Developer**

Jun 2019 - Jul 2021

- Built merchant onboarding app in 3 days, accelerating merchant acquisition.
- Architected cart creation system for online ordering, delivered in 5 days, enabling a new revenue stream.
- Created easyRewards scratch-card system, increasing user engagement by 35% across merchants.
- Developed **OrderHere** (React Native hybrid app), achieving 100K+ downloads with a 4.2 star rating on Play Store.

**CRCL, Noida, IN**

**Android Developer Intern**

Jan 2018 - Jun 2019

- Built a sports social networking app end-to-end, including complete Android implementation.
- Contributed to backend components using Django for improved scalability and data processing.

## PROJECT EXPERIENCE

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**ScanEazy**

Jan 2020 - Jul 2020

- Built a document scanner app using Kotlin/Java with OpenCV for auto edge detection, image enhancement, and multi-page PDF generation.
- Implemented OpenCV processing (perspective correction, noise reduction), improving scan clarity and OCR accuracy.

**Learned Camera, Jaypee Institute of Information Technology**

Jan 2018 - May 2018

- Built an Android app using Java/Python with a CNN model to recognize nearby objects.
- Added real-time detection with audio feedback for instant spoken descriptions.

**Farmacy+, Jaypee Institute of Information Technology**

Nov 2017 - Dec 2017

- Designed an Android app providing 7-day weather forecasts, crop disease detection, and adaptive recommendations.
- Integrated ML-based disease classification and Flask APIs for forecasting & recommendations.

## EDUCATION

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**Jaypee Institute of Information Technology, Noida, IN**

**Bachelor of Technology in Computer Science & Engineering (GPA: 7.8/10.0)**

Jul 2015 - May 2019