

Raghav Narang

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SUMMARY

Senior Software Engineer with **10+ years of experience**, currently building backend systems for **JioHotstar** (333M+ MAU, 53M peak concurrent viewers). Transitioned from frontend specialist to full-stack backend developer, now owning end-to-end features in **Go**. Experienced in mentoring developers, production deployments, and building personalization systems at scale.

TECHNICAL SKILLS

Languages: Go, TypeScript, JavaScript

Backend: GraphQL, REST APIs, PostgreSQL

Frontend: React, Next.js, Redux, Tailwind CSS

AI Tools: Claude Code, Cursor

Platforms: Web, Connected TV

EXPERIENCE

Proximity Works → JioHotstar (formerly Disney+ Hotstar)

Dec 2021 – Present

Remote

Senior Software Engineer | Full-time consultant deployed at JioHotstar

Platform Scale: **333M+ Monthly Active Users | 53M Peak Concurrent Viewers | 4.5M RPM**

Backend Development (2024 – Present)

- **Tabbed Tray (Solo Ownership):** Owned end-to-end development of personalized filter tabs across Java GraphQL service and Go BFF (Backend for Frontend) layers, enabling users to filter content by language/genre on home page trays
- Integrated User Feature Store API for personalization scoring and Recommendation Service for content filtering; implemented parallel API calls using CompletableFuture, reducing response latency
- Designed Protocol Buffer schemas and GraphQL queries; collaborated with Android/iOS teams on contract definitions; received *"very impressive results"* feedback from PM
- **Content Rating:** Developed Go services for explicit user signals (like/dislike) across Home, Details, and Player surfaces; created RatingCardWidget, TooltipActionMenuItem, ContentRatingActionButton
- Implemented nudge system with configurable frequency controls, optimistic UI updates, and Lottie animations; extended feature to Player controls in Phase 2
- **Production On-Call:** Own weekly rotating on-call for BFF deployments (Discovery, Search domains); execute early-morning releases via Harness pipelines with progressive rollout (0% → 100%)
- Debugged and resolved critical CDN cache issue causing empty tabs for millions of users by identifying personalization vs. cache conflict

Frontend Development (2022 – 2024)

- **Profiles 3.0:** Built animated profile selection experience with parabolic CSS transitions for Web and 5+ Connected TV platforms (WebOS, Tizen, PlayStation, Xbox, Jio-STB)
- Developed Device Restriction widgets & pages, Parental Lock, Profile Settings for Web and Connected TV platforms
- Owned BFF Widget ↔ React Component integrations; built Maturity Rating Selector, Guest Widget, Login Dialog

Leadership & Mentoring

- Led 2-3 junior developers/SDE-2s simultaneously across projects; mentored developers who joined **Google** and **Coursera**
- Conducted BFF onboarding sessions for frontend developers covering Go services, Java GraphQL layer, LaunchDarkly, A/B testing, debugging
- Collaborated with QA team on test scenario identification, ensuring comprehensive feature coverage

WiseTR Technology / FunnelKit

Full Stack Web Developer

Oct 2019 – Nov 2021

Delhi

- Improved Broadcast module performance from **15 to 70 emails/second** by optimizing database queries and reducing round trips
- Developed world's first WooCommerce-based CRM plugin using React and WordPress Plugin API
- Led team of 3 developers; contributed to open source (Gutenberg, WooCommerce)

Peer Infotech

Jul 2018 – Sep 2019

Full Stack Web Developer

Amritsar

- Developed 50+ websites using WordPress, HTML/CSS, jQuery; optimized PageSpeed scores via asset optimization and cache headers; led team of 2 developers

Freelance Developer

Jan 2017 – Jun 2018

Full Stack Developer

Remote

- Built React Native e-commerce app with WooCommerce API integration
- Developed Android taxi verification module using Kotlin and Firebase
- Created audio streaming platform with React, SoundCloud API, and WordPress CMS

WANDR Studios

Jan 2015 – Dec 2016

WordPress Theme Developer

Los Angeles (Remote)

- Developed custom WordPress themes from scratch for global clients
- Built WooCommerce plugin with Shippo API integration for automated shipping
- Created interactive animated web pages using CSS and jQuery

PROJECTS

Nutflick.com – E-Commerce Platform

Next.js 15, Tailwind CSS, Payload CMS, PostgreSQL, Razorpay

- Achieved Lighthouse score of **99** with Static Site Generation for product and policy pages
- Implemented guest and logged-in checkout flows with LocalStorage-based cart syncing
- Integrated Razorpay payment gateway for seamless Indian market transactions

EDUCATION

Guru Nanak Dev University

2011 – 2014

B.Sc. Information Technology

Amritsar, India

AWARDS & RECOGNITION

”Above and Beyond” Award – Proximity Works (Feb 2023)

Recognized for outstanding contributions to platform stability and user experience during JioHotstar migration

CERTIFICATIONS

Node.js: Securing RESTful APIs – LinkedIn (Apr 2021)

Problem Solving (Basic) – HackerRank (Feb 2021)

OPEN SOURCE CONTRIBUTIONS

Gutenberg (WordPress Block Editor) – Issue #26505

WooCommerce Admin – Issue #5077