Hrishikesh Rai

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Software Engineer passionate about building scalable platforms. Seeking challenging, fast-paced environments with high ownership and motivated collaborators to drive technical excellence and deliver impactful user experiences.

EXPERIENCE

Glance January 2022 – Present
Software engineer II *Bangalore, IN*
Glance: An infotainment app for lock-screen.

- Built **Glance's first TV web application** for Samsung TVs, delivering sports, news and weather widgets to 1M+ users.
- **Reduced input latency by 56%**(1.13s → 500ms) by revamping spatial navigation logic.
- Migrated application's feed from list-based structure to circular linked list, **facilitating dynamic content updates (and ads injection)** with an improved glance feed experience.
- **Improved performance by 45%** on low-end devices (2GB RAM) via GPU optimizations, windowing (virtualized lists), and pre-caching, achieving a 36% fewer janky frames, 57% lower GPU usage, and faster navigation.
- Developed **real time sports widgets** (NFL, NBA, MLB and Cricket) for the US and India regions delivering live match updates and scores on GlanceTV

Studio: Glance's Content Publishing Platform

- Successfully **migrated ScreenSaver and Content Publishing platform from a legacy monolithic studio to a modern and scalable Next.js platform** incorporating comprehensive data validations to ensure reliability.
- Designed Node.js/Kafka APIs for AI-generated content publishing.
- Led the development of AI monitoring dashboard providing insights into data flow and content ranking process.
- Developed Node.js APIs and corresponding frontend for video transcoding, leveraging Google Cloud Video Transcoder to optimize content delivery in accordance with user bandwidth.

Park+ Dec 2020 – Dec 2021
Software engineer I *Gurugram, IN*
Park+: Super app for 10M+ car owners

- **Built FASTag in 36 hours, driving 1cr revenue in the first month, post launch.**
- Built Discover (user engagement platform), achieving 2.5k DAU with car-care tips and videos.
- Did SEO optimisation for some of the products, **built around 200+ pages improving monthly impressions from 7K to 580K impressions.**
- Optimized performance of our app, **improved lighthouse score from 18 to 70+**) through code splitting and asset compression, significantly boosting our search engine rankings.
- Redesigned the customer support portal to streamline query resolution, improving response times and maintainability, which increased customer satisfaction by 50%
- Developed and launched core products including Car Insurance, Car Wash, Car Check-up, and Challan, alongside designing and implementing the landing page for Park+ (parkplus.io)

EDUCATION

RGPV University Bhopal, In
Bachelors in Computer Science (8.2 CGPA) *Aug. 2016 – May 2020*

TECHNICAL SKILLS

Frameworks: React, Next.js, Node.js
Languages: JavaScript, Typescript, HTML5/CSS/SCSS, C++

ACHIEVEMENTS

Real Star Glance
Glance Real Star award for transforming the front end of GlanceTV *29 Jul 2024*