Optional Criteria 3.1 - Amazon Prime Video Performance Optimization

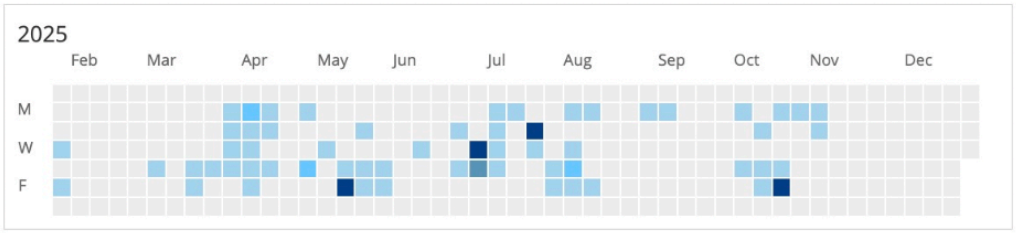
Prime Video has hundreds of millions of customers all over the world, more than 1% of the world's population runs my code. Even customers with low-end devices want to enjoy smooth streaming, so performance is critical to the business. I worked on making the app run faster and smoother by optimizing the user interface components at the backend level. My performance optimization projects are driving eight-figure revenue impact for Prime Video.

UI processing time comparison showing the difference between control (legacy) and T1 (improved) groups. I achieved a 20% reduction in UI rendering time and 4% memory optimization across 200M+ devices, meaning millions of customers now enjoy a faster, more responsive app.

Commits authored by hakancan@

146 changes (371,041 lines added; 320,899 lines removed) on 14 packages since 2024-12-31 16:00:00 PST

Activity by Time



Sent to hakancan	144 reviews
Submitted by hakancan	82 reviews
Revisions per review for hakancan (avg)	1.7 revisions
Approved by hakancan	131 reviews
Commented on by hakancan	60 reviews

view CR stats for hakancan's "team"

Over 140 changes with 370K+ lines added and 320K+ lines removed during 10 months at Amazon Prime Video

Activity by User

I am the second top contributor on the team, ranked after the most senior engineer, with 146 commits during

my tenure.

Key numbers: 20% UI rendering time reduction for 100M+ Prime Video customers • 4% memory optimization for 200M+ devices • Over 1% of world population runs my code • 120+ changes with 360K+ lines added, 320K+ lines removed • Increased revenue and user retention through improved performance

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Note: Due to confidentiality, I cannot share additional internal documents including detailed impact numbers and revenue metrics.