

Interview Coaching Report

Session #6 • 2025-08-15T18:17:54.534927

Overall	0.936
WPM	162
Filler words	0
Coverage score	0.92
Matched key points	root cause analysis, debugging steps, tools used, impact, lesson learned

Transcript

I hit a production bug where uploads intermittently failed with 500s. Root cause analysis showed a race condition in RS3 present flow. The cache key used a minute-level TTL, so concurrent requests sometimes reused an expired signature. My debugging steps were, first, add structured logs around the signing call, second, reproduce with a load test using K6, third, toggle feature flags to bisect the code path, and finally profile timestamped drift between services. Tools used included datadog traces, K6 for load, dump to confirm no network retries, and open telemetry spans I added around the presigner. The impact was high, about 2% of uploads failed at peak, costing support time and revenue. The fix was to include a nonce in the cache key and reduce signature skew by switching to a monotonic clock. I also added idempotency headers. Lesson learned, race conditions hide under partial caches, always log correlation IDs, add load tests to CI, and document invariants around time and caching.