

The Senior Frontend Engineering Handbook

Volume 9 Batch 15: Q446-Q450

Final QA, artifact refresh decisions, portfolio readiness, capstone synthesis, and next-volume planning.

Revision Sheet

- A final manual QA report should name the workflow, pass status, evidence, risk, and follow-up for each major practice-ground area.
- PDFs, screenshots, sitemap checks, and portfolio materials should be refreshed at stable content boundaries, not during active churn.
- Portfolio screenshots should show real product workflows: home, volume, reader, practice ground, docs, mobile, and dark-mode proof.
- The capstone story should connect problem, architecture, implementation slices, quality gates, trade-offs, and next steps.
- Volume 9 closes at Q450 with zero currently planned questions left; future content should begin as a separate Volume 10 scope.

Cheat Sheet

Question	Core Idea	Senior Signal
Q446	Manual QA	Separate automated utility checks from browser workflow confidence.
Q447	Artifacts	Treat PDFs, screenshots, and sitemap output as release artifacts.
Q448	Portfolio	Present Learning Studio as a product case study, not only a code sample.
Q449	Capstone	Explain execution through slices, validation, documentation, and trade-offs.
Q450	Closure	Close Volume 9 at Q450 and move future expansion into a new volume.

Mock Interview Flow

- Ask the candidate to walk through final QA for the JavaScript and TypeScript practice grounds.
- Ask when PDFs and portfolio screenshots should be refreshed and why a stable boundary matters.

- Ask the candidate to present Learning Studio as a portfolio case study with product, architecture, and validation details.
- Ask why Volume 9 should close at Q450 instead of absorbing future project-capstone content.

Closure Checklist

- Run npm run test, npm run typecheck, and npm run build before publishing the refreshed artifact.
- Spot-check the generated PDF visually for title, order, readable table text, margins, and page breaks.
- Confirm /volume-9, /batch/volume-9-batch-15, /questions/volume-9-closure-and-next-volume-planning, /docs, sitemap, manifest, and favicon routes.
- Refresh portfolio screenshots only after the latest deployed UI reflects Q450.