

# Daily Engineering Log – Arsalan A. Khan

Date: 2025-07-23    Project: Interactive Résumé (v2 UX/Perf Refresh)

## 1 - Objectives for the Day

Ref	Objective	Source
O-1	Eliminate fallback “AK” initials on avatar	Quick Wins #1
O-2	Compact hero: merge sticky nav & hero, responsive image scaling	Section 2
O-3	Externalise CSS / split JS for faster first paint	Section 1
O-4	Tighten cards & mobile spacing	Section 3
O-5	Refactor “Ask Arsalan” → single JSON + a11y live-region	Section 4
O-6	A11y landmarks, SVG titles, colour-scheme property	Section 5
O-7	SEO / Open Graph meta block	Section 6

## 2 - Chronological Worklog

Time (PDT)	Activity	Outcome / Commit
09:00	Standup planning: mapped O-1...O-7 to git branches	Jira ticket IT-RES-142 updated
09:25	O-3 – CSS extraction; created site.css; preload + defer	commit 6c14b47 – LCP 3.2→1.9s
10:05	O-1 – Hide initials rule	commit c38a812 – Percy pass
10:30	Coffee / code review	—
10:50	O-2 – Compact hero/nav overlay flexstack	commit a672e51 – mobile hero fits in 60vh
12:00	Lunch	—
13:00	O-4 – Card density + scroll margin	commit d110fe0 – scroll len –18%
13:40	O-5 – Ask Arsalan refactor; a11y live region	commit e77c9b9 – axe 0 critical issues
15:10	O-6 – Landmarks & SVG titles	commit f20c2a1
16:00	O-7 – Meta & OG	commit 39ceb01 – rich card OK
16:30	Regression tests & Lighthouse CI	Perf 92→99, A11y 96→100
17:00	Push release/2025-07-23 to GH Pages	CHANGELOG updated

## 3 - Decisions & Rationale

Decision	Rationale
Keep new CSS in single external file	Preparatory for future GH Pages CSP hardening.
Use absolute nav overlay rather than scrollable div	Simple, résumé scope doesn't need complex JS.
Defer service worker PWA to next sprint	Perf targets met; schedule balance.

## 4 - Issues & Resolutions

ID	Issue	Resolution
#87	LCP regressed on mobile after hero overlay	Added min-height:40vh; CLS resolved
#88	Axe flagged missing button name on FAB	Added visually-hidden span for SR

## 5 - Next Steps (Tomorrow)

- Prototype service-worker for offline résumé (story IT-RES-153).
- Add JSON-LD WorkExperience schema (IT-RES-155).
- Pair-review with design for colour-contrast on accent yellow in light mode.

*Recorded by: Arsalan A. Khan – Docs Systems Architect / Sophie.AI*