WEB BUILD · 2026 – PRESENT

JOHNBARBAGALLO.INFO

A portfolio that checks its own claims.

> A personal site is a set of claims about a person. This one is built so every claim has a source, every release is tested on desktop and mobile before it ships, and every file that goes live is checked byte for byte.

Role	Owner, director of the build
Period	2026 – present
Stack	Astro · TypeScript · Playwright · nginx
Live	johnbarbagallo.info

11

release candidates, tested and hashed

EVIDENCE

- Live site, response headers and every file: checkable in any browser — Verified
- Fonts served from this domain; no third-party scripts (page source) — Verified
- Both résumé PDFs generated from the public resume.json — Verified
- Release records, test counts and hashes (private repository, owner records) — Pending
- Server, hosting and access details — Not claimed

FROM THE CASE STUDY · HOW A RELEASE SHIPS

1. **Build and validate.** A production build is checked for leftover review notes, private names, retired claims and stray email addresses, in the pages and inside the PDFs.
2. **Test.** The release candidate is tested on desktop and mobile: content, navigation, accessibility, horizontal overflow and the PDFs. RC7 passed 421 tests with none failing.
3. **Freeze.** The files are tagged and written to a manifest with a SHA-256 hash for each one. The candidate is never edited after that; a fix means a new candidate.
4. **Deploy.** The files are uploaded beside the live site and checked against the manifest on the server, then swapped in with a directory rename. The previous release stays on the server as the rollback.
5. **Verify.** The live homepage hash is compared with the candidate's, and a checker requests every public file once and compares it with the manifest.

Access for a deployment is a fresh key, added for that release and removed afterwards, with a check that it no longer works.