CERTFOLIO

Designing and Evaluating a Verifiable Professional Identity Platform for IT Professionals

PROJECT OVERVIEW

Certfolio is a full-stack web application that enables IT professionals to showcase their verified certifications, projects, and skills through a public professional profile. It combines the trust of verifiable credentials with the visibility of a modern portfolio.

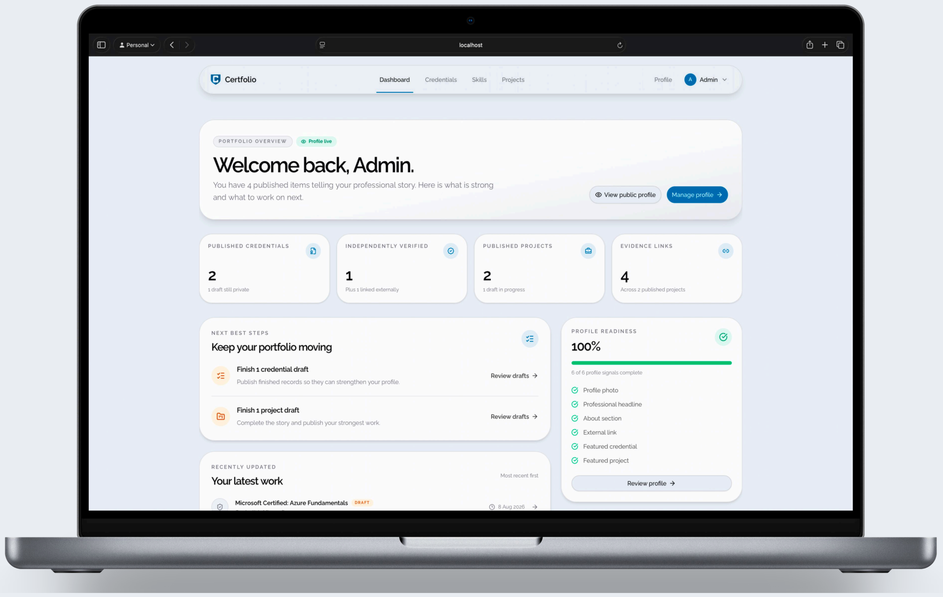
⚠ THE PROBLEM

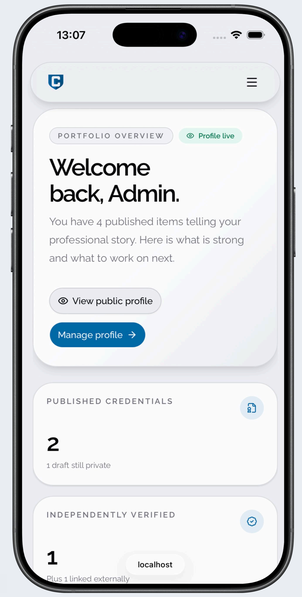
- Skills are scattered across multiple platforms
- Certifications are difficult to verify
- Recruiters lack trust in self-declared skills
- No unified professional identity

✓ THE SOLUTION

Certfolio combines:

- ✓ Verified certifications
- ✓ Professional portfolio
- ✓ Evidence-based projects
- ✓ Public professional profile
- ✓ Credential verification





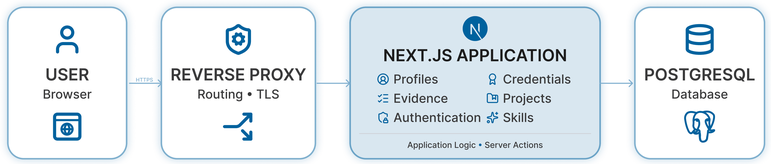
BUILT FOR THE FUTURE

Empowering professionals to own their identity and stand out in the global IT job market.

TRANSPARENT BY DESIGN

Certfolio clearly distinguishes recognised external credentials, linked evidence and self-declared records.

SYSTEM ARCHITECTURE



RESEARCH MOTIVATION

- The shift to skill-based hiring has created a verification gap. Employers struggle to trust self-declared skills, while professionals struggle to present a unified, credible identity.
- Existing platforms focus on either verification or presentation, rarely both.
- Certfolio addresses this gap by integrating verifiable credentials with portfolio storytelling in one seamless platform.

KEY FEATURES

Verified Credentials

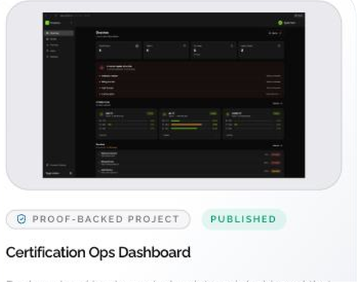
Manage professional certifications from recognised providers.



Verified • Evidence Linked • Credential Record

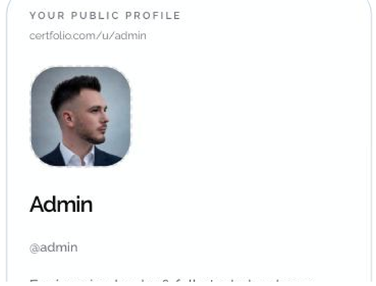
Project Showcase

Highlight projects with details, tech stack, and links.



Public Profile

Beautiful public profile to represent your professional identity.



Credential Trust

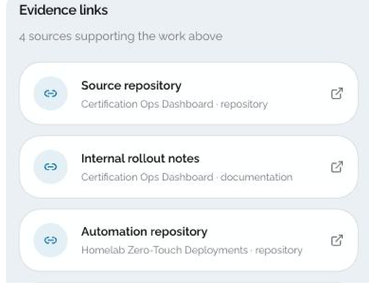
Clearly identifies whether a credential is recognised, evidence-linked, or self-declared.



Supported by an external evidence link.

Evidence & Documents

Upload evidence & documents to support your work.



Recruiter View

Recruiter-friendly view with all key information in one place.



DEVELOPMENT PROCESS



RESULTS

- ✓ Full-stack web application successfully developed.
- ✓ Public profiles with verified certifications and projects.
- ✓ Evidence-based project documentation.
- ✓ Responsive, modern and user-friendly interface.
- ✓ Addresses the verification gap in the IT job market.

FUTURE WORK

- Real-time credential verification system.
- Institution integration for direct credential issuance.
- Support for Open Badges standard.
- Recruiter dashboard and analytics.
- AI-powered skill recommendations.
- Mobile Application (React Native)
- Multi-language support.

LIVE DEMO

Scan to explore Certfolio live!

GITHUB REPO

Scan to view the source code!

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