

# Naomi Shore

## PROFESSIONAL SUMMARY

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Software Engineer with seven years of experience building and modernising a large-scale higher-education platform, progressing from apprentice to Software Engineer II. Hands-on across the full stack, from C#/.NET distributed back ends to React and TypeScript front ends, with particular strengths in React/TypeScript UI engineering and AI-assisted development. Experienced in delivering commercially important features within cross-functional teams, with a track record of picking up new domains and tooling quickly.

## EXPERIENCE

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**PebblePad, UK** · *Higher-education portfolio & assessment platform*

July 2019 – Present

### Software Engineer II

October 2025 – Present

- Designed and delivered closed captions and transcription for user-uploaded audio and video across 3 products, building a streaming WebVTT parser in C#/.NET and reusable React/TypeScript components to close a WCAG conformance gap repeatedly raised in **customer accessibility audits and tenders**.
- Resolved 100+ WCAG 2.2 issues across React, legacy AngularJS and server-rendered .NET applications within a dedicated accessibility team, validating fixes against real assistive technology to meet **compliance deadlines critical to US sales prospects**.
- Integrated AI-assisted and agentic development workflows into daily delivery from their first introduction, elevating the team to **one of the most productive in the company**.

### Software Engineer I

August 2023 – October 2025

- Engineered the front end of a new self-service settings capability spanning 3 products, designing an extensible, model-driven React/TypeScript architecture adopted as the **foundation for all subsequent user preference features**.
- Delivered personalised dashboard functionality with one-click access to active portfolios, cutting navigation friction for users who accumulate **hundreds of assets**.
- Created reusable interface components in collaboration with UX designers for the shared design system, adopted across 3 products.
- Hardened the platform's security backbone, introducing the first automated test coverage for the authorisation layer that governs **every user's access to every piece of content**, and modernising it to dependency injection.

### Apprentice Software Engineer

July 2019 – August 2023

- Built the front end of an in-product messaging capability as React components bridged into legacy AngularJS, hardened against XSS with strict HTML sanitisation, cutting customer communications **from a release cycle to minutes**.
- Built an in-browser document viewer from scratch on Mozilla's open-source pdf.js, with zoom, paging, fullscreen and live conversion status feedback, on a serverless AWS pipeline converting Word, spreadsheet and presentation formats to PDF, replacing commercially licensed libraries to **cut recurring costs and remove the need to download files to view them**.
- Developed the status-tracking core of asynchronous batch data-repair tooling over a service bus, remediating up to 10,000 assets per run and replacing multi-day developer escalations with **self-service support tasks resolved in hours**.

## SKILLS

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**Languages & frameworks:** TypeScript, JavaScript, React, RxJS, AngularJS, C#, .NET, SQL, HTML, CSS

**Architecture & cloud:** System design, REST APIs, CQRS, event-driven architecture, AWS, PostgreSQL, MongoDB

**Accessibility:** Web accessibility, WCAG, ARIA, inclusive design, assistive technology testing

**AI:** AI-assisted development, Claude Code, agentic workflows, LLM tooling

**Quality & delivery:** Automated testing, Jest, NUnit, code review, CI/CD, Git, Azure DevOps

## EDUCATION

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**BSc (Hons) Digital and Technology Solutions Professional (Software Engineering)**

2019 – 2023

University of Wolverhampton · **First Class Honours** · Degree apprenticeship alongside full-time delivery.