

Emilia Williamson

Software Engineer

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Mid-level full-stack developer with a love of logic puzzles and a proven track record of excellence. 3 years' experience working on production codebases. Driven by curiosity, creativity and compassion.

TECHNICAL SKILLS

Languages	Typescript, JavaScript, HTML, CSS
Frontend	React, Next.js, Tailwind CSS, Storybook, a11y
Backend	Node.js, Express, REST APIs, PostgreSQL
Cloud & DevOps	AWS (S3, DynamoDB, Amplify, Secrets Manager, ECS), CircleCI, New Relic
Testing	Jest, React Testing Library, Cypress, Playwright
Tools	Git, Contentful, Figma, Snyk, Agile/Scrum

PROFESSIONAL EXPERIENCE

Software Engineer, *The Economist* – November 2023 to Present

[Impact Team \(B2B custom CMS development\), December 2024 - Present](#)

- Leading technical delivery for enterprise client projects, providing CMS expertise, architecture guidance and code review—from fully bespoke applications to hybrid CMS implementations
- Developed custom responsive [data story](#) with d3.js data visualisations, receiving very positive client feedback
- Led development of a dynamic Feed component for Contentful-based CMS, enabling content editors to create intelligent content queries (based on taxonomy, sections, and initiatives) without developer intervention
- Architected and executed complete CMS migration of **hundreds of pages**, writing custom scripts to export legacy data and rebuild pages in a new content model with zero data loss
- Co-led a multi-scenario **disaster recovery** exercise—simulating ECS cluster deletion, API key revocation, and AWS Secrets Manager disruption—uncovering a critical New Relic alerting misconfiguration and a CloudFormation stack provisioning failure; resolved both issues and updated runbooks to strengthen production incident response

[Subscriber Engagement Team \(B2C web applications\), November 2023 - December 2024](#)

- Earned **Excellence Award** within first three months for exceptional performance and rapid impact on deliverables
- **Led font migration** across four web applications ahead of a hard company-wide legal deadline; coordinated dev-design collaboration to implement a new typography with no issues at launch
- Founded **Vulnerability Thursdays**, a weekly initiative to eliminate all high-severity dependency vulnerabilities across team applications, triaging findings from Snyk and Nimbus Shield as our team's Security Champion
- Led company-wide mentorship scheme, creating processes that connected **~30 pairs** across engineering, design, data, InfoSec, and customer operations teams, resulting in cross-discipline collaboration and new internal projects
- Served as directly responsible individual for the newsletters platform (Next.js, AWS Lambda), independently launching **6+ new newsletters** in support of The Economist's evolving subscription pricing strategy
- Facilitated regular sprint ceremonies and presented demos to stakeholders, demonstrating strong communication skills and ability to explain technical decisions to non-technical audiences

Developer & Software Coach, *School of Code* – April 2023 to October 2023

- Developed internal software tools in Agile team, automating daily bootcamp operations and improving workflow
- Provided 1:1 mentoring to students on coding fundamentals, debugging, and computational thinking approaches
- Built relationships in tech community, facilitating events and connecting students with industry professionals

Bootcamper, *School of Code* – September 2022 to March 2023

- Built full-stack apps using JavaScript, React, Node.js, Express, and PostgreSQL through intensive 16-week bootcamp

Parliamentary Caseworker, *House of Commons* – June 2017 - September 2022

EDUCATION

Graduate Diploma in Law | *Commendation* | University of Law | 2015 - 2016

BA (Hons) English | *First Class 1:1* | Sheffield Hallam University | 2012 - 2015