

Kerri Sharp-Scott

hello@kerrisharp.com

Experienced software engineer and web developer specialising in bespoke web applications, websites, and APIs. Adept at delivering user-focused, testable solutions and passionate about fostering a healthy workplace culture. Industry experience in crafting impactful digital products and services since 2016.

Software Engineer II, Intelligence Fusion / Sigma7

2021 – Present

Developed full-stack web applications, APIs and services for accessing threat intelligence data and risk services.

- Built a fully-documented "Notes" service to enable user-generated content within the application. Empowering customers to create and share additional context with their colleagues
- Led a "hackathon" where my team built a "Spotify Wrapped"-alike for our intelligence analysts, summarising their efforts over the year with a humorous presentation improving team morale and encouraging competition
- Created a system to dynamically generate and embed map images of incident locations into customer email notifications, improving client awareness and communication
- Implemented authentication logging so that customers could scrutinise and keep track of login attempts
- Built a multi-factor authentication system that greatly improved application security and enabled the business to onboard new clients with this requirement
- Rewrote a large chunk of legacy code to remove event-driven architecture, enabling intelligence analysts to keep country information and statistics up-to-date
- Implemented regular automated data ingestion from the third-party Dragonfly API to display alongside internally generated intelligence data
- Created a customer-facing website with Jekyll to document our APIs and upcoming feature work roadmap, increasing the opportunity for the company to sell data-access to API customers

Web Developer, Think Productive

2020 – 2021

Rebuilt dozens of customer-facing WordPress websites to improve performance and usability leading to increased workshop sales.

- Reduced the number of external WordPress plugins from 63 to 4 by writing many bespoke features natively, minimising reliance on third parties and vastly improving page load times
- Built an asynchronous learning platform, empowering thousands of delegates globally to access workshop materials on-demand in multiple different languages
- Converted a complex multi-site database configuration into several, individually managed websites

Web Developer, Opia

2016 – 2020

Developed hundreds of sales promotion websites for technology companies; including Google, LG and Microsoft.

- Led email campaign development, delivering high-quality, responsive designs that garnered positive customer feedback
- Represented and promoted the company at industry events, giving presentations about responsive email development