Kerri Sharp-Scott

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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.

Skills

- **Proficient:** PHP, HTML, CSS, MySQL, PostgreSQL, SASS, WordPress, Jekyll, Git, Postman, TDD
- **Intermediate:** GoLang, Laravel, Composer, OpenAPI, CI/CD, REST, OOP, DI, CQRS, Scrum, Agile
- **Learning:** AWS, Docker, React, Next.js, Vue.js, TypeScript, Sentry, SOLID, DDD, BDD

Experience

Software Engineer II, Intelligence Fusion / Sigma7   June 2024 – Present

Built a suite of web applications to improve customer accessibility to the parent-company's risk services.

- Mentored junior employees, empowering frontend engineers how to make full use of backend technology and applying DRY and YAGNI principles
- Documented technical decision-making and drew data-flow diagrams for a new tech-stack, capturing research efforts for future reference, helping external employees to understand my team's decision making
- Led an initiative to encourage asynchronous communication, creating screen-recordings and SOP's which reduced the requirement for meetings
- Created a peer-review process where employees are celebrated for their successes, increasing employee satisfaction and team building at work

Software Engineer, Intelligence Fusion   2021 – 2024

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

- Created a fully-documented "Notes" service to enable user-generated content within the application. Clients could then 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 humourous presentation improving team morale and encouraging competition
- Created a system to dynamically generate map images of incident locations for customer email notifications
- Built a multi-factor authentication system for improved security during logging in
- Implemented authentication logging so that customers could scrutinise and keep track of login attempts
- Implemented a third-party intelligence API to regularly ingest their data and display it alongside our own
- Recreated a large chunk of legacy code to remove event-driven architecture, enabling intelligence analysts to keep country information and statistics up-to-date
- Created a user-facing Jamstack website to document our APIs and upcoming feature work roadmap
- Built many CRUD REST API endpoints with idempotent responses

Web Developer, Think Productive   2020 – 2021

Re-built all of the company's customer-facing WordPress websites for improved performance and usability.

- Reduced reliance on plugins by writing many bespoke features natively, reduced from 63 down to 4, vastly improving page load times
- Built the "Productivity Ninja Academy", an asynchronous learning platform, empowering thousands of delegates globally to access post-workshop materials on-demand in multiple different languages
- Untangled complex multisite database set up 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, leading to positive feedback
- Represented the company at industry events, giving presentations about responsive email development
- Paired with and mentored junior developers about responsive design, version control, automated testing etc