

Kerri Sharp

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Experienced software engineer and web developer specialising in bespoke web applications, websites, emails & 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.

Key skills include React, Next.js, Vue.js, TypeScript, JavaScript, Tailwind, SASS, CSS, HTML, MJML, PHP, Laravel, WordPress, Go, MySQL, PostgreSQL, Docker, AWS, Supabase, Markdown, Agile, Scrum, Git, CI/CD, Jira & Figma.

Software Engineer II, Intelligence Fusion / Sigma7

Sep 2021 – Apr 2025

- Crafted a next-generation frontend with Next.js, TypeScript, Tailwind & Storybook as part of a Scrum team, deployed with Vercel. This greenfield SaaS empowered the company to package risk & intelligence services in a unique way to a plethora of new customers.
- Created a "Service Status" page as part of a team, interpreting uptime statistics from AWS CloudWatch, deployed as an AWS Lambda, written in Go 1.20 with a frontend written in React, TypeScript & Tailwind. This tool enabled customer to always know the status of the service, reducing support tickets and customer confusion.
- Led a team as project manager to build a "Spotify Wrapped"-alike using React, Vite, TypeScript, CSS & deployed with Netlify. Using internal APIs, we annually summarised the efforts of our intelligence analysts with a humorous presentation, improving team morale & encouraging competition.
- Contributed to building an AI virtual assistant platform leveraging Go 1.20 & AWS Bedrock, integrating Claude 3.5 to deliver context-rich customer interactions.
- Created a fully-documented REST API using PHP 8 (Slim), PostgreSQL & deployed via AWS to enable customers to share user generated content with their colleagues within the company's applications.
- Helped create an AWS Lambda written in Go 1.20, which continuously processes & sends notifications from AWS SQS payloads, offering enhanced user customisation of notifications and savings on third-party service costs.
- Built multi-factor authentication and authentication logging with PHP 8 (Slim) into the internal "Authentication" REST API, improving application security & enabling the acquisition of customers with enhanced security needs.

Web Developer, Think Productive

Dec 2020 – Aug 2021

- Created a WordPress theme using PHP, SASS & JS (ES6, jQuery) as a central part of the company's global rebrand. By writing bespoke features, I reduced the reliance on third-party WordPress plugins from 63 down to 4. This vastly improved page load time and reduced employee frustration by making the website simpler to manage.
- Built a WordPress plugin using PHP 7.4, JS (jQuery) & CSS to create an asynchronous learning platform, empowering thousands of delegates globally to access workshop materials on-demand in multiple languages. My work replaced an expensive, third-party solution, prone to frequent outages.
- Converted a WordPress "multisite" into several, smaller databases with MySQL, giving all global branches the flexibility to manage, localise & translate their own websites to meet their regional marketing and sales goals.

Web Developer, Opia

Jun 2016 – Nov 2020

- Developed hundreds of sales promotion websites for clients including Google, Dell & HP using PHP 7.4 (Laravel, Symfony, Blade), Vue.js, SASS (Bootstrap) & MySQL, deployed via DigitalOcean with Docker & Jenkins. These campaigns rewarded customers with cashback and gifts, incentivising tens of thousands of purchases, helping Opia's clients to meet their sales targets and strengthen brand loyalty.
- Led email campaign development, creating responsive HTML emails (MJML, Foundation for Email), tested with Litmus and delivered via Mailgun on behalf of clients including Samsung, Microsoft & LG. My work increased trust by reinforcing brand identity across digital communications and garnered positive client & customer feedback.
- Represented the company at industry events by delivering presentations promoting best practices in responsive HTML email development. This helped establish Opia as a forward-thinking, tech-first employer and increased the number of job applications received from developers.