

Samuel Morgan-Tyghe

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Summary

Dynamic Web Developer with over 4 years of experience in robust problem-solving, leadership in key projects, and a track record of managing complete development cycles and strategic client engagement. Proficient in a wide range of modern web technologies and ready for the next challenge.

Technical Skills

React, Redux, TypeScript, ChakraUi, Vite, NextJs, Contentful, ChartJs, Webpack, Three.js, PWA, NodeJs, HTML, CSS, JavaScript.

Professional Products

- Easy to use React query utility wrapper: A tool simplifying React Query for better developer experience. [View on npm \(https://www.npmjs.com/package/easy-query-hooks\)](https://www.npmjs.com/package/easy-query-hooks)
- Easy ChakraUi utility animations: Developed for enhancing UI interactivity using ChakraUI. [View on npm \(https://www.npmjs.com/package/easy-chakra-animate\)](https://www.npmjs.com/package/easy-chakra-animate), [View demo \(https://643c599e10255e45ba42fdae-celzvjdwb.chromatic.com/?path=/story/animations-onscroll--default\)](https://643c599e10255e45ba42fdae-celzvjdwb.chromatic.com/?path=/story/animations-onscroll--default)

Career Highlights

- Secured £600k in funding for a year-long project from the Internet Security Forum.
- Secured £290k funding for the development of the Caroline Girvan web app.
- Saved Coty £3.6k Per Year by proposing and facilitating an automative solution to what was an expensive service.
- Converted multiple clients into long-term partners, including ISF, CG, and CMSPI.
- Implemented innovative UI solutions, such as a widget-based data entry approach for ISF SupplyChain.
- Led teams in developing critical business logic, significantly reducing development time and enhancing product effectiveness for clients like Caroline Girvan and Cynergy Bank.
- Developed easy-to-use xReact query wrappers and utility animation wrappers using framer motion - chakraui.
- Enhanced website loading speed by 10 seconds for Coty, improving user experience.

Experience

Web Engineer, Atom Bank, Dec 2023 - Present

Responsibilities

- Leading the redevelopment and extension of the front-end for a low code internal assessment tool used in evaluating business lending applications.

Senior Web Developer, Hedgehog Lab, Jul 2021 - Dec 2023

Responsibilities

- Led development and maintenance of high-quality web applications, adhering to best practices and incorporating cutting-edge technologies.

- Drove project teams in full development cycles, from concept to deployment, demonstrating agility and leadership.
- Engaged directly with clients for requirement gathering, technical consulting, and enhancing user experiences.
- Addressed security vulnerabilities, implemented SEO, and enhanced accessibility, ensuring compliance with industry standards.
- Innovated UI solutions and contributed to the development of utility tools, improving project efficiency and developer experience.
- Oversaw performance optimization, notably reducing site load times and enhancing user engagement.
- Mentored junior developers, ensuring high standards in code quality and fostering a collaborative team environment.

Impact

- Significantly accelerated feature development, reducing a 12-week cycle to just 3 weeks, enhancing project delivery efficiency.
- Recognized for exceptional performance with two rapid promotions within a six-month timeframe.
- Innovated in the creation of utility tools and spearheaded key discussions with design teams, contributing to improved workflows and development practices.

Projects (Hedgehog Lab)

- Cynergy Bank (<https://www.cynergybank.co.uk/>): NextJs, Contentful, TypeScript, Node, React-query, Tanstack, Chakraui.
- ISF SupplyChain (<https://www.securityforum.org/services/supply-chain-management-assessment/>): TypeScript, React-Query, ChakraUi, Framer, Widget UI, Dynamic Tables.
- Stocknet Institute (<https://stocknetinstitute.com/>): NextJs, TypeScript, Node, React-query, Tanstack, Chart.js, React-Select.
- Caroline Girvan Web App (<https://cgxapp.com/>): Vite, TypeScript, React-query, Chakraui, React-Multi-date-picker.
- CMSPI (<https://cmspi.com/>): TypeScript, Node, React-query, Tanstack, Chart.js, React-Select.
- cotytrip.com (<https://cotytrip.com/>): React functional + class components, Redux + toolkit + Persist, Sass, PWA, Html2Canvas, Chart-Js, MarkerJs2, React-Select.
- ISF SOGP (<https://www.securityforum.org/solutions-and-insights/standard-of-good-practice-for-information-security/>): React Context, husky, SPA.
- halosystem.halosolutions.com (<https://halosystem.halosolutions.com/login>): SPA, Scaling up, Optimizing performance.
- lugmety Internal App (<https://lugmety.com/>): GraphQL, React Awesome Query Builder.
- howbusyistoon.com (<https://howbusyistoon.com/>): Gatsby, CSS Modules, Atom methodology, Contentful.

Frontend Developer, In-House, Jun 2021 - Nov 2021 (6 months)

- Bridged the gap between Graphic Design and Front-end Development teams.
- Improved component performance and smoother scrolling through custom throttle functions.
- Technologies: Next.js, Jira, Scrum, Storybook, Styled Components.

Frontend (WordPress) Developer, Automated-Art, Jan 2018 - Sep 2020 (2 yrs 9 mos)

- Integrated an automated process system into an E-commerce store (WordPress + WooCommerce).

- Implemented automated SEO optimization solutions.
- Utilized Google Vision API for image metadata, keywords, and hashtag analysis.

Freelance Graphic Web Designer, May 2016 - Sep 2021 (5 yrs 5 mos)

Education

Bath Spa University, Bachelor's degree, Digital Arts, 2012 - 2015

Career Highlights Continued

- Halved site load speed for CMSPI, ensuring smooth performance for a critical product release.
- Developed a brochure site for Cynergy Bank with perfect lighthouse scores, meeting AA standards.
- Successfully hosted a demo for 30 clients, maintaining composure under pressure.
- Delivered innovative technical solutions for Cynergy Bank, winning client trust post-legal complications with another agency.
- Completed a complex brochure website for Cynergy Bank within a 2-month period.
- Collaborated in the design process and implemented multiple complex custom UIs for clients like ISF and Caroline Girvan, including:
 - ISF Dashboard Dynamic Table (caching queries, CSV export, search, sort, filter, custom UI in cells, scrollable, expandable columns)
 - ISF Widget UI (23 complex form inputs, animations on enter and for data updates)
 - Caroline Girvan Social Media (comment reply threads profile)
- Rapidly developed 80% of the Caroline Girvan web app in 3 weeks, securing significant funding.
- Proudly contributed to a junior developer's development, mentoring them throughout their year-long journey to mid-level status.
- Facilitated discussions between Developers and Designers on implementing breakpoints and templates for ratios to streamline development.