

Stephan Randle

Full-Stack Web Developer

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Full Stack Development ♦ Database Management ♦ Agile Methodologies ♦ API Development ♦ Version Control (Git) ♦ Problem Solving ♦ Test-Driven Development ♦ Cloud Computing & Deployment

Full Stack Web Developer with 3 years of proven expertise in designing and implementing innovative solutions. Skilled in both front-end and back-end technologies, specializing in ReactJS, NodeJS, and database management. Demonstrated success in contributing to the development and deployment of dynamic web applications. Eager to leverage my technical proficiency to drive excellence in cutting-edge projects and contribute to the success of forward-thinking teams.

SKILLS

- Bash
- C#
- C / C++
- HTML5 / CSS3
- PostCSS / TailwindCSS
- JavaScript / TypeScript
- Astro / Alpine.JS
- NextJS / ReactJS
- Golang
- Rust
- MongoDB / PostgreSQL
- Markdown

WORK EXPERIENCE

Frontend Developer, UWM — 08/2022 - Present

- Developed and maintained responsive web applications using NextJS and NodeJS.
- Collaborated with cross-functional teams to ensure seamless integration of components.
- Led the initiative to establish coding standards, fostering a collaborative environment that not only significantly improved code quality and consistency within the development team but also emphasized the importance of mentorship and knowledge sharing.
- Integrated data seamlessly from a .NET C# server and Contentful CMS, ensuring efficient data flow and real-time updates for web applications.
- Developed a groundbreaking system that programmatically mapped Contentful CMS information to React components, streamlining the development process and improving project scalability.
- Utilized Material-UI for styling components, ensuring a cohesive and visually appealing user interface.
- Created comprehensive unit tests using the React Testing Library and Jest, enhancing the reliability and stability of the codebase. Also leveraged Storybook and Zeppelin for thorough testing and seamless component creation, contributing to a robust and user-friendly UI.
- Wrote scripts to facilitate infrastructure as code creation, automating repetitive tasks and optimizing development workflows.

Electrical Engineer, AXYS — 11/2019 - 03/2022

- Developed and maintained HMI interfaces using FactoryTalk, ensuring user-friendly interactions and seamless integration with control systems.
- Conducted thorough testing and troubleshooting to ensure the reliability and performance of electrical systems.

PROJECTS

Mad Professor Blog

<https://github.com/stephansama/srangle-blog>

<https://madprofessorblog.org>

Developed a dynamic web application using Alpine.js, Astro, TypeScript and Svelte, featuring a sleek and responsive design achieved through Tailwind CSS. Integrated visually appealing Iconify icons to enhance the user interface. Implemented TinaCMS for seamless content management, allowing effortless updates and additions. To prioritize security, AWS Lambda serverless functions were employed to handle environment secrets, reinforcing robust security practices. The project serves as a personal knowledge repository, hosting a curated collection of information encountered in daily life. This initiative not only showcases technical proficiency but also emphasizes a commitment to a secure and user-friendly web environment.

Snippet Generator

<https://github.com/stephansama/srangle-blog>

<https://snippets.madprofessorblog.org>

Developed a web-based tool for managing and generating VS Code-formatted snippets using my personal Neovim configs snippets directory. Built with Astro.js for static site generation, styled with Tailwind CSS, and powered by Alpine.js for interactivity. Integrated the Monaco Editor to provide a seamless coding experience for browsing, editing, and creating code snippets.

Various Projects

- Catppuccin RSS theme
collection of pretty-feed-v3 themes styled for the different catppuccin flavors
- Timeclockwatch
website to manage time clock during the work week. Uses persistent local storage
- Stow.nvim
neovim plugin that automatically loads and unloads a dot files directory using GNU stow
- Alfred Kaomoji
alfred plugin that searches through <https://kaomoji.ru/> for different kaomojis
- Contributions to TinaCMS
contributed changes that allows users of the clouddinary media store to insert their own url instead of using the hardcoded url

EDUCATION

Bloomfield Hills High School, Bloomfield Hills, MI — HS Diploma, 2015

CERTIFICATES

Software Engineering Immersive Remote | General Assembly (11/2021 - 03/2022)

JavaScript Data Structures & Algorithms | FreeCodeCamp (03/2022)