

Stephen Havig

Orange County, CA

Stephen.Havig@gmail.com | (480) 622-4654



www.linkedin.com/in/stephen-havig-199340145/



www.github.com/Stephen-Havig

Skills

Strong: JavaScript (ES6+), TypeScript, HTML, CSS/SASS, MySQL, Git/Github Flow, WordPress, React, Node, Express, PostgreSQL, Microsoft SQL, MongoDB, Tailwind, Webpack, Wikitext, Fetch & REST APIs

Experienced: Python, Next, Prisma, Nest, Redux, Jest, AWS (Elastic BeanStalk, RDS, EC2, ACM, Route 53, IAM), Cypress, React Flow, Docker, Vite, Axios, Zustand

Experience

OS Labs | dbSpy (Open Source) | Software Engineer

02/2023 - Present

- Reconfigured server-side code by implementing an ORM, to universalize requirements to form connections with SQL databases into a single function to reduce redundant code and allow for easier implantation of additional informational systems.
- Revamped the codebase, leveraging TypeScript through the use of type alias' and universal interfaces for enhanced clarity and robustness, merged several middleware functions into a singular function that could be used across all databases to empower future engineers to easily grasp variable functionality.
- Created additional CRUD functionality on both client and server side to allow for more robust SQL query options to manipulate data which allows users to make dynamic changes to their databases.
- Added additional support for PostgreSQL, MySQL, Microsoft SQL, Oracle SQL, and SQLite to allow for a more robust selection of databases, managed query optimization between databases, and ensured effective backups to bolster data protection and integrity as a user interacts with the application.

Fandom | Community Wikipedia Moderator/Editor

08/2022 - Present

- Proactively curate and enhance Wikipedia content for Fandom, using HTML, CSS, and Wikitext, to consistently elevate its quality and user-friendliness, while ensuring strict adherence to Wikipedia's guidelines and policies.
- Showcased meticulous attention to detail by meticulously reviewing and enhancing articles, resulting in a more reliable and informative experience for users.
- Actively participated in content creation and collaboration with fellow moderators, contributors, and users, fostering a cooperative editing environment that promotes knowledge sharing and growth.
- Simultaneously bridged the gap between community moderation and front-end content improvement, ensuring that Wikipedia content aligns with the latest standards and guidelines, enhancing the platform's overall quality and relevance.

Freelance Projects

Personal Portfolio Webpage | Website Developer | Webpage to showcase my applications and projects

- Developed and executed a comprehensive website development strategy utilizing WordPress, resulting in a visually appealing and user-friendly portfolio webpage.

Assemble | Software Engineer | Light weight scrum board storing project progress across multiple teams

- Used React Flow to create a drag-and-drop feature that allows users to move tickets between columns without the need of a select drop down menu to add more user interactivity and increase ease of use from users.

Reservoir | Software Engineer | High performance and financial saving focused budget application

- Seamlessly integrated Next.js and Prisma to offer an intuitive interface to manage financial allocations across various budget categories and ensure swift responsiveness with optimal user experience.

Education

- Accelerated Advanced Residency for Software Engineering** **2023**
- Des Moines University** (Des Moines, IA) **2020 - 2022**
- Utah Valley University** (Orem, UT) | Bachelor of Biology - Cum Laude **2016 - 2018**

Talks/Publications

Tech Talk:  [TypeScript](#) |  [Introducing dbSpy 5.0 - Simplifying Data Modeling and Visualization!](#)