

Ethan Schwartz

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Summary

Full Stack Developer with 3+ years of professional experience. Skilled in an array of languages and technologies such as JavaScript, TypeScript, PHP, Vue, Nuxt.js, Angular, Node.js, SQL, and Laravel. Professional experience optimizing sites for responsiveness, reactivity, and search engine optimization. Bachelor's degree in chemistry from Boston University.

Experience



Software Engineer

[Semestr.io](https://semestr.io)

Jun 2022 - Present (1 years 10 months)

- Developed interactive web interfaces with Angular, TailwindCSS, and TypeScript, improving user interaction, and integrated efficient C# functions in .NET Entity framework on the backend for seamless, real-time data fetching and front-end updates.
- Leveraged ES6 concepts, Redux, RxJS, NgRx / NgXs Store, to handle app state and reactivity, improving user experience.
- Interacting with AWS for efficient storage and manipulation of user data, files, and images, thereby optimizing resource management.
- Work with IONIC framework to create cross-platform mobile applications for iOS and Android
- Implemented customized chatbot powered by OpenAI GPT
- Boosted educator profile visibility on Google Search using SEO, HTML5, and JSON-LD, resulting in 587 impressions and 101 clicks in the first month without ads. Demonstrated skills in technical SEO, content optimization, and dynamic meta tagging



Software Engineer

[SECLKOCK](https://seclock.com)

Jun 2020 - Present (3 years 10 months)

- Generated dynamic sitemaps for various content types including products, manufacturers, and categories, applying dynamic meta tagging and schema.org standards to enhance discoverability via Google Search
- Developed and maintained a Single Page Application (SPA) using Vue, Laravel, TailwindCSS, Inertia.js, MySQL and other related technologies (HTML, CSS, JavaScript, PHP, Node.js, Laravel-Vapor)
- Designed and implemented MVC architecture in Laravel to handle form submissions, RESTful API requests, and database operations, resulting in a highly maintainable and scalable codebase. -

Worked closely with UI/UX designers to create custom Vue components delivering a seamless user experience

- Optimized website performance and reduced load times by minimizing HTTP requests, using debounce, asynchronous functions, Cloudinary image compression, and caching
- Working in an agile work environment with Jira / Atlassian sprints
- Implemented UX/UI from Figma, as well as designing my own components

Education



Boston University

Bachelor of Arts - BA, Chemistry

Skills

- SQL (MySQL, PostgreSQL)
- Nuxt.js
- Vue
- Angular
- Redux (NgRx, RxJS, NgXS)
- Search Engine Optimization (SEO)
- Python
- PHP
- Laravel
- Inertia.js
- TailwindCSS (headless UI)
- REST APIs
- Jira/Atlassian Agile Work Environment
- AWS
- CI/CD
- HTML5
- CSS
- JavaScript (ES6 concepts)
- TypeScript