Ethan Schwartz

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Summary

Full Stack Developer with over 7 years of experience combining professional work, academic training, and hobbyist practice. Proficient in a variety of programming languages and technologies, including:

Front-End: JavaScript, TypeScript, Vue.js, Angular, React, Redux, RxJS, NgRx
Back-End: PHP, C#, .NET Core, Laravel, Node.js (Express.js), Python
Other Skills: HTML5, CSS, MySQL, Inertia.js, Object-Oriented Programming (OOP), ES6 Concepts, UX/UI, Tailwind CSS, Asynchronous Functions, REST APIs

Dedicated to creating and optimizing interactive, user-friendly applications and systems.

Experience

❯ Software Engineer
Semestr.io

Jun 2021 - Present (2 years 8 months)
- Developed interactive web interfaces with Angular, TailwindCSS, and TypeScript, improving user interaction, and integrated efficient C# functions in .NET Entity framework for seamless, real-time data fetching and front-end updates.
- Leveraged ES6 concepts, Redux, RxJS, NgRx, to streamline and optimize asynchronous code, substantially boosting application performance and response times.
- Deployed AWS S3 bucket for efficient storage and manipulation of user data, files, and images, thereby optimizing resource management.
- Improved webpage visibility on Google Search with HTML5, increasing page impressions and click-through rates, boosting educator visibility and user engagement (101 clicks, 587 impressions within first month of launch – no advertizing).

⟋ Software Engineer
SECLOCK

Jun 2020 - Present (3 years 8 months)
- Developed and maintained a Single Page Application (SPA) using Vue.js, 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

Education

Boston University

Bachelor of Arts - BA, Chemistry

Skills

Redux • Search Engine Optimization (SEO) • .NET Framework • Angular • C# • TypeScript • RxJS • Vue.js • React.js • JavaScript