

Ethan Schwartz

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<https://www.ethan-schwartz.com>

Summary

Full Stack Developer with over 3 years of professional experience in software development, specializing in full stack development. Proficient in JavaScript/TypeScript, PHP, Vue.js, Nuxt.js, Angular, React, Next.js, Node.js, Laravel, SQL, and more. Adept at building scalable web applications and ensuring seamless user experiences.

Successfully implemented Stripe for seamless payment processing, enhancing user experience and improving transaction security. Developed and integrated robust authentication systems using Auth0 and JWT, ensuring secure access and data protection. Led the development of dynamic and responsive front ends using Angular with Redux, significantly improving application performance and user engagement.

Utilized AWS for deploying and managing scalable web applications, resulting in increased reliability and reduced downtime. Established CI/CD pipelines for automated testing and deployment, enhancing development efficiency and reducing release times.

Experience



Software Developer

SECLOCK

Jun 2020 - Present (4 years 3 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



Software Developer (Side Project)

Semestr.io

Jun 2022 - Present (2 years 3 months)

- Conceptualized and engineered an innovative platform enabling independent teachers to publish course materials and textbooks, facilitating a shared-revenue model and broadening educational access.
- Implemented Stripe for seamless payment processing, and Auth0 for robust user authentication, enhancing security and user experience.
- Developed the front end using Angular with Redux, ensuring a dynamic and responsive user interface.
- Implemented Search Engine Optimization (SEO) best practices (dynamic sitemaps, JSON+LD, search console, dynamic meta tagging, etc...) to improve search engine rankings and increase organic traffic significantly.

- Leveraged AWS for scalable and reliable cloud infrastructure, ensuring high availability and performance.
- Established CI/CD pipelines to streamline deployment processes, resulting in faster and more efficient updates.



Miscellaneous Experience

Personal Projects

Jan 2023 - Present (1 year 8 months)

Actively create and maintain numerous GitHub repositories to practice and enhance skills in various areas such as SEO optimization, web scraping with Node.js, and creating templates for new technologies. This continuous practice helps to stay updated with the latest technologies and improve problem-solving abilities. I have developed repositories that focus on:

- React/Next.js
- Vue/Nuxt.js
- Angular 17/Redux
- Web Scraping in combination with AI Wrappers
- SEO
- Component Libraries

Education



Boston University

Bachelor of Arts - BA, Chemistry

2017 - 2021

Completed courses in: Quantum Chemistry, Chemical Statistics, Physical Chemistry, Calculus I, Calculus II, Multivariate Calculus

Skills

Nuxt.js • SQL • Redux • Search Engine Optimization (SEO) • Next.js • React.js • Vue.js • Node.js • Continuous Integration and Continuous Delivery (CI/CD) • Angular