Ethan Olsen

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SUMMARY

Dynamic Software Engineer with extensive experience in enhancing platform capabilities and delivering user-centric designs. Led live user testing initiatives that contributed to iterative product improvements, fostering a responsive and engaging user experience. Seeking to leverage expertise in Node, TypeScript, and full-stack development to drive innovation and optimization in a forward-thinking organization.

EXPERIENCE

Software Engineer

Independent Consultant   March 2021 – Present, Spokane Valley, WA

· Collaborated with product managers and UX designers to translate project requirements and business objectives into polished user interfaces.
· Enhanced and expanded platform capabilities to deliver rich, responsive user experiences.
· Led live user testing to assess the effectiveness of designs and functionality, collecting feedback for continuous improvement.
· Provided strategic recommendations for design changes and iterative updates to optimize performance and usability.
· Engineered scalable backend solutions using Node and RESTful APIs, enhancing database query efficiency by 15% for self-managed applications and improving data retrieval speed.
· Integrated continuous integration and deployment (CI/CD) pipelines using Github actions and Gitlab CI/CD, resulting in a 25% increase in deployment frequency while minimizing error rate through enhanced automation and testing protocols.

Lead Software Engineer

Crowdhub Apps   November 2021 – December 2022, Post Falls, ID

· Authored comprehensive development guidelines to streamline application design through custom frameworks, accelerating project timelines.
· Tailored in-progress software to align with clients' hardware environments, enabling seamless integration across multiple systems.
· Mentored and coached team members, fostering innovation and a collaborative environment for continuous improvement.
· Analyzed business success drivers to prioritize architectural updates for scalability and performance strategically.
· Led functional compliance testing to ensure company products met industry standards.
· Developed proofs of concept for innovative solutions, driving technical advancements.
· Designed and implemented migration strategies to bridge development gaps between legacy systems and future updates.
· Designed and optimized databases and table structures for web applications to enhance system efficiency and data management.
· Spearheaded the development of next-generation integration platforms, improving internal application processes and system connectivity.
· Engineered a microservices architecture, resulting in a 35% increase in application deployment speed and reducing system downtime by 15%, utilizing Docker for scalable solutions.

Software Engineer

Crowdhub Apps   March 2021 – November 2021, Post Falls, ID

· Collaborated with the team to plan, scope, and deliver client-requested features, ensuring alignment with project goals and timelines.
· Developed and maintained features and bug fixes for web, mobile, and desktop applications utilizing SQL, JavaScript, and SCSS to ensure smooth functionality across platforms.
· Led the optimization of legacy codebases, improving load times and overall performance across all devices.
· Integrated advanced SEO enhancements into existing marketing websites and web applications to improve search engine visibility and user engagement.
· Spearheaded the development of the company's internal framework for efficient and rapid deployment of marketing web applications.
· Mentored colleagues on best practices in modern JavaScript and CSS to minimize bugs and improve code quality.
· Provided expert consultation on external projects, leveraging modern technologies such as React, TypeScript, and PostgreSQL to ensure scalable, future-proof solutions..

Web Developer

Contractor   February 2020 – March 2021, Moscow, ID

· Planned and executed website development by converting mockups into functional web applications using React, TypeScript, and Node.js.
· Designed, implemented, and monitored web pages, plugins, and functionality to drive continuous improvement and user engagement.

· Managed and optimized Google-based SEO strategies and ad campaigns to meet budget and performance goals.
· Provided ongoing security maintenance and patching to ensure website integrity and compliance post-launch.
· Oversaw technical issues and handled troubleshooting requests to resolve user problems and improve website performance effectively.

SKILLS

JavaScript – 5 years
TypeScript – 5 years
CSS – 5 years
Node.js – 5 years
React.js – 5 years
PostgreSQL – 4 years
MongoDB – 4 years
Python – 4 years
GoLang – 3 years

SCSS – 4 years
Svelte – 3 years
PHP – 2 years
Shopify – 2 years
Nest.js – 3 years
Next.js – 4 years
Ionic – 3 years
Subabase – 3 years
Vue.js – 3 years