Jeremy Lentz

Fullstack engineer specialized in creating clean, performant web applications

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LinkedIn

Github

WORK EXPERIENCE (LAST 6 YEARS)

SimplMachine — *Co-Founder, Lead Software Engineer*

March 2023 - PRESENT

Co-founded and launched a technology startup focused on developing innovative software solutions for the test automation industry.

Led the technical vision, architecture, and development of the product from idea to fully functional prototype

BombBomb — *Sr Fullstack Software Engineer*

Sept 2019 - July 2023 (4 years)

Develop and maintain a full stack web application using modern front-end frameworks like React and back-end technologies such as php and PostgreSQL.

Collaborate closely with cross-functional teams, including designers and product managers, to gather requirements, design software architecture, and deliver high-quality solutions.

Implement responsive and accessible user interfaces that provide an optimal user experience across multiple devices and browsers.

Design and develop RESTful APIs to enable seamless communication between the front-end and back-end systems.

Conduct thorough testing, including unit tests and end-to-end tests, to ensure software quality and reliability.

Collaborate in Agile development processes, attending sprint planning meetings, participating in daily stand-ups, and delivering features within deadlines.

BombBomb— *Software Development Engineer in Test*

June 2017 - Sept 2019 (2 years)

Collaborate with cross-functional teams to define test strategies, test plans, and test cases for software products.

Design and implement automated test scripts using Cypress and JavaScript, resulting in a 50% reduction in manual testing efforts.

Conduct thorough testing of web applications, APIs, and databases to ensure functionality, performance, and reliability.

Perform root cause analysis and collaborate with developers to investigate and resolve defects, ensuring timely bug fixes.

Continuously improve test automation frameworks and processes to enhance efficiency and maintainability.

SKILLS

Front-end technologies: HTML5, CSS3, JavaScript

Front-end frameworks/libraries: React, Remix, Typescript, Angular, Emotion.js

Back-end technologies: Node.js, Express.js, php, C#

Database technologies: MySQL, PostgreSQL, MongoDB

Test Frameworks: Cypress, TestCafe, Jest, phpUnit

Version control systems: Git

Deployment and containerization: AWS, Docker

RESTful API design and development

Strong problem-solving and debugging skills

Excellent communication and collaboration abilities

Agile methodologies and project management

Certifications

Udemy: The Complete React Developer Course

References

Available on request

PROJECTS

Heimdall — *Productivity Desktop App*

Heimdall lets you create multiple workspaces containing lists of blocked applications. Once you have a workspace selected, you can then set a timer and enter Focus Mode. While in Focus Mode, the blocked applications will be closed, and then prevented from reopening, eliminating all distractions. Heimdall is built with Electron.js, Node.js, HTML, CSS, and Javascript. It also has Webpack set up to allow for a migration to React and Typescript.

SimplMachine — *Autonomous Test Automation*

A stealth startup company generating full automated test suites with the click of a button. The core service is built with Express, Javascript, and Node.js. The web experience (coming soon) is built with React, Emotion.js, and Typescript.

VSCode Theme Editor — *VSCode Theme Editor*

In-browser application with a VSCode mockup that allows you to edit your color theme and then copy the JSON configuration needed to update your editor

EDUCATION

Oelwein Community High School, Iowa — *Diploma*

2006 - 2010