

Lindsay Wardell

Senior Software Engineer

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Summary

- Created full stack web applications using tools including Vue, React, Elm, Node, Ruby, Java, and Haskell.
- Architected APIs and relational databases for use by multiple applications/teams.
- Deployed applications into containers via Docker and CI/CD tools such as Jenkins.
- Redesigned and maintained existing legacy software and procedures to better meet the needs of clients.
- Worked solo and as part of a team on multiple projects for clients.
- Led development of reports and data analysis for better data reporting to clients.
- Participated in multiple podcasts, conferences, and video streams, and wrote numerous technical articles.

Languages

HTML/CSS JavaScript TypeScript
Kotlin Java PHP SQL Elm
Ruby

Frameworks

Vue Nuxt Vite React Astro
Jest Cypress Tailwind Node
Express

Databases

SQL Server MySQL Postgres

CI/CD

GitLab CI/CD Jenkins
GitHub Actions

Tools

Git GitHub GitLab Docker
Prisma

Experience

Senior Software Engineer

Mangomint · Full-time

Oct 2024 – Present

Senior Software Engineer

Khan Academy · Full-time

Jul 2024 – Oct 2024

- Developed a reusable rich-text editor for teachers and students as part of Khan Academy's Writing Coach offering, utilizing Slate and React. The editor saved content in Markdown with synchronized styles between editor and viewer.
- Tests were written in Cypress to work around the limitations of testing contenteditable DOM nodes in Jest.

Senior Software Engineer

NoRedInk · Full-time

Oct 2021 – Jun 2024

- Maintained and developed a highly used education platform using Elm, Ruby, and Haskell.
- Led engineering efforts and teams in improving or developing new features.
- Worked with other teams to support their efforts in common areas of ownership.
- Mentored and trained new team members in company processes and responsibilities.
- Acted as ambassador for the company through podcasting, blogging, and developer community involvement.
- When the lead of a months-long epic to implement learning modules left unexpectedly, took ownership and brought the epic to completion by the established due date for the August back-to-school release.
- Led multiple projects expanding the assignment library to support grades 3 to 5, requiring cross-team coordination on requirements and task breakdowns.

Senior Software Engineer

Feb 2021 – Oct 2021

This Dot, Inc · Full-time

- Consulted with multiple clients on complex web-based projects in multiple programming languages.
- Created blog posts, podcasts, and video presentations to support the developer community.
- Mentored junior developers, reviewing code and discussing processes.
- Consulted with the Wikimedia Foundation on the Abstract Wikipedia/Wikifunctions project, developing the frontend interface, implementing testing functionality, and supporting migration to Vue 3 and TypeScript.
- Supported work for a large-scale online conference using React, Next.js, and third-party CMSs.

Full Stack Developer

Feb 2019 – Feb 2021

Daimler Trucks North America · Contract

- Senior developer on multiple projects for internal and external use.
- Led design and implementation of backend systems, and coordinated compatibility with other services.
- Developed frontend single-page applications using React and Vue (both server-rendered and client-rendered).
- Instructed established teams in new technologies or methodologies.
- As the sole full-stack developer, initiated and successfully deployed an application for internal use by Daimler Trucks, implementing Next.js and Express for the UI server, and Spring Boot for the API server, both hosted using Docker. Successfully deployed the application two months ahead of schedule.
- Developed an external-facing tool for guided diagnostics and repair of Daimler Trucks vehicles. As lead backend developer, designed and implemented relational database schema in SQL Server, and developed multiple services running on Node.js, Java Spring Boot, and .NET Core to handle APIs for the application. Architected Vue CLI and multiple Nuxt applications to improve development. Initiated application testing using Jest.

Education

Western Governors University

Bachelor of Science, Software Development

Salt Lake City, UT · 2015 – 2020

Coursework: CompTIA A+, CompTIA Project+, CompTIA Security+, CompTIA Linux+, CIW Advanced HTML5 & CSS3 Specialist, CIW User Interface Designer. Capstone project awarded certificate of excellence for superior quality application.

The Tech Academy

Software and Web Development

Portland, OR · 2017 – 2018

Detailed and practical education in software development, HTML, CSS, JavaScript, version control, databases and SQL, C# (.NET Framework), Project Management (Scrum and Agile).

Certifications

CompTIA Project+

Languages

English

Portuguese