

Eric Marsh

Full Stack Software Engineer

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Seattle, WA

EXPERIENCE

Allen Institute for AI

Seattle, WA

Software Engineer

2022 - 2025

- Led development of a [blog website](#) for a top research institution, publishing 70+ posts and achieving 100K+ page views
- Developed a reusable React component library for team of 20+ engineers with ADA accessibility compliance
- Built key features for an [AI Chatbot](#) used by 250k users, including the Dataset Explorer to browse thousands of sources behind responses
- Project lead for a [technical documentation platform](#), showcasing and explaining APIs and models used by tens of thousands of researchers.
- Led a major Next.js refactor to meet a product deadline for an internal tool used by 5K+ daily users
- Conducted UI rebrand updates for 5+ projects using Figma, Material UI and internal design tokens
- Improved [Semantic Reader](#) page-load performance by 30% through React and Webpack optimizations
- Optimized Elasticsearch author queries in Semantic Scholar, boosting result quality and cutting query latency by 20%.
- Key contributor on [Semantic Scholar](#), a web application used by 6M+ scholars globally
- Enforced accessibility standards and CI reliability with Storybook, Vitest, Playwright tests, and GitHub Actions pipelines.
- Delivered projects iteratively in a startup-style environment, adapting quickly to shifting priorities

Yardi Systems

Boise, ID

Software Engineer

2018-2021

- Built 15+ UI pages and components using HTML, CSS and JavaScript with SQL and Microsoft Azure cloud infrastructure
- Resolved and deployed fixes for 100+ full-stack issues through direct client collaboration and hands-on debugging
- Major contributor to Android app using C#, and Android Studio
- Automated WebView report generation using SQL and XML

PROJECTS

Fruit Stand Fortune

2024 - Present

Sole creator of cross-platform game, with 35K+ downloads and reaching Top 3 Paid Casual Games on Google Play

EDUCATION

University of Idaho, 2017

BS in Computer Science
Minor in Mathematics

SKILLS

Javascript (ES6, React, Node.js, Next.js, Typescript)
Scala, Java, Python, C#
SQL, NoSQL, GraphQL
Cloud (GCP, AWS, Azure)
HTML5 / CSS3
NPM/Yarn, Webpack, Git
A11y, WCAG 2.1, Lighthouse
Testing (Storybook, Playwright, Vitest, CI/CD)