

Denise Walter

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Skills

Languages: TypeScript, Ruby, JavaScript

Frontend: React, Vue, HTML, CSS

Backend: Ruby on Rails, REST APIs, PostgreSQL, MySQL

Cloud / Infra: GCP, Heroku, Redis

AI / Tooling: LLM workflows, prompt engineering, evaluation workflows, OpenAI integrations

Professional Experience

Kyron Learning | Full-stack Software Engineer | Jan 2024 - July 2026 | Cambridge, MA

- Built a hierarchical folder and tree navigation system for lesson collections, handling nested moves, safe-delete validation, and lazy-loaded API queries across thousands of lessons.
- Reworked branching lesson path ordering, implementing next-step resolution for multiple-choice and free-response segments.
- Partnered with product management to build subscription-based export rules driven by org-level usage history.
- Worked with educators to refine prompt chains for structured learning objectives and multiple-choice output quality.
- Designed LLM evaluation pipelines using judge-style tests and benchmark runs to measure prompt consistency across model versions.

Vendr | Full-stack Software Engineer | Nov 2020 - Mar 2022 | Boston, MA

- Built customer-facing API integrations in Ruby on Rails and Hotwire/Stimulus for companies accessing pre-negotiated software deals.
- Integrated Slack messaging with Block Kit for internal team notifications and approvals.
- Developed HubSpot webhook and email-triggered workflows to automate Vendr Collective applicant processing.

Chewy | Frontend Software Engineer | Jun 2019 - Nov 2020 | Boston, MA

- Expanded the design system with reusable components in React/TypeScript, Vue, and vanilla JavaScript.
- Raised design system test coverage from 20% to 100% with unit tests.
- Improved accessibility across browsers, OS, and screen readers to meet WCAG Level AA standards.

Promosis | Junior Full-stack Developer | Jan 2018 - Jun 2019 | Marblehead, MA

- Developed promotional web applications in Vue.js and PHP for client campaigns.
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Projects

Native Plant Hub | Founder & Developer | Nov 2022 - Dec 2023 | Melrose, MA

- Rails 7 application helping gardeners find native plants by state, county, and plant characteristics.
 - Built ETL pipelines to normalize and merge 41,000+ plant records from 5 heterogeneous sources, resolving taxonomy conflicts and enabling fast multi-criteria search. Live at nativeplanthub.com.
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Education

Salem State University | Master of Social Work | Summa Cum Laude

Gordon College | BA, Visual Art & Psychology | Summa Cum Laude