

Cassandra O'Connell, Software Engineer

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I'm a software engineer focused on building reliable and engaging web applications. I love taking on new technical challenges and thrive on solving unique software problems. I architect applications to be built on a solid foundation, ensuring they run smoothly at scale while allowing for quick iteration. My expertise lies in front-end software architecture and performance optimization, but I have experience writing code across the stack.

Work Experience

mmhmm | Video editing and communication | *March 2022–present*

- **Staff Software Engineer, Technical Lead** | *March 2022–present*
 - Wrote software proposals and documentation as the technical lead on two different web teams, architected two major web applications and advised teams on codebase performance optimizations. Wrote features and performed code review.

Losant | IoT data visualization and automation | *June 2019–present*

- **Lead Front End Software Engineer** | *March 2021–March 2022*
 - Sat as both the technical and managerial lead for the front end team, coordinated feature planning and development, initiated and implemented significant architectural/performance enhancements, developed features, performed code review, advised teams developing Rust projects.
- **Front End Software Engineer** | *June 2019–March 2021*
 - Developed major features in the platform and participated in higher-level architectural tasks. Code reviewed team members and managed interns.

Batterii | Consumer research | *September 2018–June 2019*

- **Front End Engineer** | *September 2018–June 2019*
 - Developed features, improved performance, and maintained legacy code for the Batterii software web app front end.

Real Art | Digital and physical experiential design | *June 2013–September 2018*

- **Front End Developer** | *December 2016–September 2018*
 - Built performative online interactive experiences, led the development of the team's first major single-page web application, as well as the adoption of Javascript frameworks (mainly Vue and React) into the team's workflow.
 - **Designer** | *June 2013–December 2016*
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Languages & Frameworks | React, Javascript, Typescript, NextJS, Rust, WebAssembly, Git

Education | 2013 BFA in Visual Communication Design, University of Dayton