

# James Connor Volpe

Full-stack Software Engineer

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<https://jcvolpe.me/>

## EXPERIENCE

### Lowes - Software Engineer | Charlotte, NC

March 2025 - Present

- Lead the adoption of a micro frontend architecture for the Lowes Returns Android app to improve scalability and developer velocity.
- Implementing new UXs in React, Ionic, and Capacitor for Lowes Returns Android app used by sales floor associates.

### Freelance - Full-stack Web Developer | Remote

Jan 2023 - Feb 2025

- Led end-to-end delivery of web apps for individuals, startups and SMBs. From scoping and estimates to architecture, implementation, testing and deployment. Utilizing platforms like UpWork to find clients.
- Built fullstack apps in NextJS and deployed to AWS with custom CDKs
- Built backend services in Node.js or Go, exposing REST APIs.
- Implemented CI/CD with Github actions

### Amazon Web Services - Front End Engineer | Seattle, WA

July 2021 - Jan 2023

- Led implementation and launch of new React user experiences on the AWS Identity and Access Management Console, impacting thousands of customers. Monitored and quickly remediated incoming customer issues.
- Participated in on-call rotation every month for the IAM console, resolving customer and operational issues and presenting the weekly status to the broader Identity team.
- Wrote extensive unit and integration tests with React Testing Library, Enzyme, and Cypress
- Was not affected by layoffs and left this position at will to relocate closer to family in Chicago, IL.

### Workiva - Software Engineer Intern | Ames, IA

May 2020 - August 2020

- Front-end development on Dart + React based web application, Wdesk.
- Developed an improved modal to manage XBRL profiles in Wdesk.
- Worked with Agile development methodologies. Participated in code review and wrote unit and functional tests.

### NPR - Web Software Developer Intern | Washington, D.C.

May 2019 - August 2019

- Utilized a full stack (MongoDB, Express.js, Angular, Node.js) to develop an Audio Engineering discrepancy logger web application. I was the sole developer on this project.
- Used Docker to containerize the application for CI/CD.
- Gained experience with project management tools such as Jira.

## SKILLS

### Languages/Frameworks:

React, Typescript, Javascript, Svelte, NextJS, TailwindCSS, Tanstack, Java, Swift, GO, Python, PyTorch

**Platforms:** AWS, Google Vertex AI, RAG, Hadoop ecosystem, Druid, Big Query.

**Database:** MongoDB, GraphQL, DynamoDB, Redis, PostgreSQL

## PERSONAL PROJECTS

Full stack web apps and native ios and android apps with ML and AI.

See <https://jcvolpe.me/projects> or <https://github.com/Volpestyle>

## AWARDS

### Technical Education Senior Award

May 2021

“Awarded to students who exhibited outstanding work and dedication in the area of Technical Education.”

### WSC Logo Design

May 2017 - Present

Won 1st place prize of \$1,000 for a logo design competition hosted by the Wheaton Sport Center in Wheaton, IL.

## EDUCATION

### Iowa State University | Ames, Iowa Software Engineering, B.S.

August 2017 - May 2021

· 3.01 GPA