

James Connor Volpe.

Full-Stack Software Engineer

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EXPERIENCE

Vibes / Software Engineer II

Chicago, IL · Apr 2026 – Present

- Engineer on an international team building **RCS Studio**, an end-to-end platform for creating, provisioning, and delivering branded RCS (Rich Communication Services) messaging experiences.
- Design and ship core authoring features in TypeScript and React on AWS, letting businesses build rich, interactive RCS campaigns without carrier or compliance complexity.

Lowe's / Software Engineer

Charlotte, NC · Mar 2025 – Apr 2026

- Led adoption of a micro-frontend architecture for the Lowe's Returns Android app, improving scalability and developer velocity.
- Implemented new UX flows in React, Ionic, and Capacitor for the Returns app used by sales-floor associates.
- Built and maintained a Node.js + Fastify Backend-for-Frontend service powering the Returns Android and Web apps, including optimized REST APIs, request validation, and cross-service orchestration.

Freelance / Full-Stack Web Developer

Remote · Jan 2023 – Feb 2025

- Delivered end-to-end web apps for startups and SMBs sourced through Upwork, covering scoping, architecture, full-stack build (Next.js, Node.js, Go), AWS deployment via custom CDKs, and CI/CD with GitHub Actions.

Amazon Web Services / Front End Engineer

Seattle, WA · Jul 2021 – Jan 2023

- Led implementation and launch of new React experiences on the AWS Identity & Access Management (IAM) Console, impacting thousands of customers.
- Ran a monthly on-call rotation, triaging CloudWatch alarms, debugging service degradations, and partnering with backend teams to restore health; presented weekly ops updates to the Identity org.

Workiva / Software Engineer Intern

Ames, IA · May – Aug 2020

- Built features on a Dart + React web app (Wdesk) using Agile methods; contributed code reviews plus unit and integration tests.

NPR / Web Software Developer Intern

Washington, D.C. · May – Aug 2019

- Sole developer of an audio-engineering discrepancy logger on the MEAN stack (MongoDB, Express, Angular, Node), containerized with Docker for CI/CD.

STACK

LANGUAGES & FRAMEWORKS

TypeScript

React

Node.js

CSS / SASS

Next.js

TailwindCSS

JavaScript

Svelte

TanStack

Fastify

Rust

Go

Java

Python

PyTorch

PLATFORMS

AWS

RAG

Vertex AI

BigQuery

Druid

Hadoop

DATABASES

PostgreSQL

DynamoDB

MongoDB

Redis

GraphQL

EDUCATION

Iowa State University

B.S. Software Engineering
Ames, IA · 2017 – 2021 · 3.01 GPA

PROJECTS

- jcvolpe.me
- github.com/Volpestyle

AWARDS

Technical Education Senior Award · 2021

For outstanding work and dedication in Technical Education.

WSC Logo Design, 1st Place · 2017

Won a \$1,000 design competition; the logo is still in use by the Wheaton Sport Center today.