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.
- Built the **RCS Studio MCP server**, exposing platform capabilities to AI agents, and am integrating it into the Studio UI.

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 · MCP · 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.