

Ryan McHenry

Product + Software Development
Philadelphia, PA

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SKILLS

Software Architecture	<div><div></div><div></div><div></div><div></div></div>
Frontend Development	<div><div></div><div></div><div></div><div></div></div>
Design Systems	<div><div></div><div></div><div></div><div></div></div>
Serverless Infrastructure	<div><div></div><div></div><div></div></div>
User Experience Design	<div><div></div><div></div><div></div></div>
CI/CD Pipelines	<div><div></div><div></div></div>
Backend Development	<div><div></div><div></div></div>

TOOLS

Typescript	<div><div></div><div></div><div></div><div></div></div>
React	<div><div></div><div></div><div></div><div></div></div>
Node	<div><div></div><div></div><div></div><div></div></div>
AWS/GCP	<div><div></div><div></div><div></div></div>
PostgreSQL	<div><div></div><div></div><div></div></div>

EDUCATION

Northwestern University

Bachelor of Science | 3.7 GPA

Weinberg College of Arts & Sciences

Major in Computer Science

Bienen School of Music

Major in Audio Engineering

Minor in Music Technology

VOLUNTEERING

Resilient Coders

Mentor | 2020 - 2023

Attend weekly community hours and host interview prep sessions for non-profit bootcamp providing software engineering training for people of color in Boston, Philadelphia and Pittsburgh.

[Resilient Coders](#)

EXPERIENCE

TED Conferences

Product Manager | 2022 - present

Leading team of engineers and designers to build a suite of apps and hardware installations for TED Conference attendees. Managed design and technical architecture of attendee networking app in React Native, design and build of marketing site, and rebuild of 10+ legacy applications.

[conferences.ted.com](#) [TEDConnect App](#)

Sharing Excess

Director of Technology | 2021 - 2023

Architected platform to schedule and track over 45 million lbs. of fresh food donation to food banks in Philadelphia and around the country. Managed team of 3 rotating interns to design and build apps using React, Typescript, DrizzleORM, PostgreSQL, and serverless Google Cloud Functions.

[SE Website](#) [Food Rescue App](#) [Github](#)

iZotope (Native Instruments)

Senior Software Engineer | 2020 - 2022

Built a React based multi-track audio editor for 10,000+ monthly active users as lead frontend engineer. Implemented Web Audio API and WASM based audio processing engines. Developed serverless GraphQL backend and managed AWS infrastructure with Terraform.

[iZotope](#) [Native Instruments](#)

Blueprint Alpha

Software Engineer, UX | 2018 - 2020

Served as lead frontend engineer for startup digital agency. Designed and developed white-labeled online ordering platform used by 50 restaurants using React, Django, PostgreSQL, Docker and AWS ECS. Managed product development to scale from 0 to 500+ daily orders.

[Blueprint Alpha](#) [Captain](#)