

Isaac Schwab

Overview

Senior software engineer with 9+ years of full-stack experience, specializing in high-performance React frontends and scalable APIs. Strong focus on UI/UX, accessibility, and modern web architecture, with experience shipping consumer products, internal platforms, LLM-powered workflows, and game experiences. Proven collaborator who delivers reliable, user-focused software across cross-functional teams.

Skills

LANGUAGES: TypeScript, JavaScript, HTML, CSS/SCSS, Go, SQL, C#, Python

FRAMEWORKS: React, Next.js, TailwindCSS, Framer Motion, .NET, Styled-Components, GatsbyJS

TOOLS & INFRA: Git, GraphQL, Docker, Kubernetes, AWS, Node.js, Jenkins, Vite, Figma

Work Experience

USERVOICE

Senior Software Engineer

Dec 2024 - Present

- Modernize application architecture through an Angular-to-React migration, establishing reusable component patterns that improve maintainability, performance, and developer experience
- Design and implement LLM-powered data processing pipelines using LLM APIs, enabling AI-driven insights and workflow automation for enterprise customers
- Deliver analytics capabilities across multiple product areas, developing interactive visualizations and time-series dashboards that enable customers to track feedback trends and derive actionable insights
- Engineer key user-facing features using React and TypeScript, including team chat interfaces, modal systems, and attachment rendering, improving usability and UI consistency across the application
- Build and extend REST and GraphQL APIs and backend data processing in Go and Rails, enabling new features and customer requests while supporting both modern frontend applications and legacy system integrations

ZYNGA

Senior Software Engineer

Sep 2022 - Sep 2024

- Led frontend development for Sugartown from prototype through public launch using React, TypeScript, TailwindCSS, and Vite, delivering a polished and responsive consumer UI
- Implemented secure Ethereum wallet interactions and authentication flows, successfully processing ~20,000 on-chain transactions and strengthening platform trust
- Built an automated art generation and processing pipeline for the Sugartown Oras NFT collection, supporting the creation of 10,000 unique assets
- Developed Unity WebGL experiences and robust bi-directional React to Unity communication layers, enabling live game events and internal live-ops tooling for product teams
- Integrated internal login, events, and compliance systems into a cohesive platform that met security and regulatory requirements
- Maintained backend services and APIs using Go, Postgres, and Node.js, enabling rapid iteration while improving system reliability
- Managed AWS infrastructure, Jenkins pipelines, Docker containers, and asset workflows to support scalable deployments and live operations

GENERAL MILLS INC.

Senior Software Engineer - Box Tops for Education Team

Feb 2020 - Sep 2022

- Developed and maintained API and backend services using Kafka, SQL, and .NET for the Box Tops for Education mobile app and website, improving app performance and user experience
- Engineered the Unlock Brighter Futures national rewards promotion, integrating third-party code redemption APIs and coordinating across engineering, product, and vendor teams to deliver a successful six-month campaign
- Refactored legacy systems by adding unit and integration tests, profiling SQL queries, and improving code readability, resulting in more stable releases and faster development cycles

GENERAL MILLS INC.

Software Engineer - Brand Websites Team

Jan 2018 - Feb 2020

- Transitioned major brands including Cheerios, Chex Mix, and Yoplait from external agencies to an internal web platform by building reusable components and frameworks that increased delivery capacity and long-term maintainability
- Architected a modular GatsbyJS template with headless WordPress and internal API integrations, improving reuse and accelerating delivery across brand sites
- Implemented a multilingual WordPress multisite architecture for Larabar Canada, supporting English and French content with shared design patterns
- Built custom WordPress themes and components using PHP and Advanced Custom Fields, improving content authoring workflows
- Led website performance monitoring initiatives using sitespeed.io, Graphite, and Grafana, driving 20–40% load-time improvements
- Partnered with WeCo Digital Accessibility to complete WCAG audits and training, improving accessibility compliance across all supported sites

Education

UNIVERSITY OF MINNESOTA – COLLEGE OF SCIENCE & ENGINEERING

Bachelor of Science, Computer Science