Aaron Resch
SOFTWARE DEVELOPER

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Profile:

Since beginning my software development journey, I have found that the problem-solving, research, and teamwork necessary to produce robust solutions all fit perfectly with my strengths. I get a lot of fulfillment out of solving a difficult challenge and I always do what I can to learn more and help others along the way.

Projects:

BEHIND THE SEAMS
INDIVIDUAL PROJECT | VIEW CODE

Behind The Seams is a full-stack web application for tracking and management of sewing projects, patterns, and fabric.

- Built solo in a two-week sprint as a final capstone project
- **ASP.NET Web API** back-end, **SQL Server** database
- **React** application with image and file upload capabilities for users to store digital patterns
- Users are able to track progress and keep notes on their projects, and catalog all of their fabrics and patterns

REPERTOIRE
INDIVIDUAL PROJECT | VIEW CODE

Repertoire is a web application built using React, targeted towards musicians who like to find sheet music online.

- Built solo in a two-week sprint as front-end capstone project
- Custom **CSS** styling, with some **Material-UI** elements
- **React** application with audio integration, drag-and-drop setlist rearranging
- CRUD functionality for songs added, per-user notes
- **JSON server** used for persistent data store

Education:

UNIVERSITY OF WISCONSIN - STEVENS POINT
Journalism/Communication - 3 Years

NASHVILLE SOFTWARE SCHOOL
Full-Stack Web Development Bootcamp - 6 Months

Technical Education:

SOFTWARE DEVELOPER/APPRENTICE
Nashville Software School | Software Bootcamp Certificate

An intensive, six-month full-time education in the skills and technologies needed to become a full-stack software developer. Working in a remote environment with ample group collaboration, we focused on the following:

- **Git** & **Github** version control
- Remote project collaboration
- ERDs, dependency charts, wireframe design
- Developing applications using popular tech stacks that include **JavaScript**, **React**, **HTML5**, **CSS**, **C#**, **.NET**, **SQL**

Skills:

HTML | JavaScript | SQL | React | VueJS | .NET | C# | Git/GitHUB

TypeScript | Node.js | Monorepo | API Design | VB/Access

Professional Experience:

SOFTWARE DEVELOPER
Century Aluminum | 2022-Present

- Work (primarily in **C#** and **React**) to update and modernize proprietary legacy applications used in aluminum production while maintaining original functionality and user familiarity.
- Collaborate with internal stakeholders to collect requirements and produce solutions for industrial and logistical optimization.
- Participate in a team-based software development environment, reviewing code, testing, finding and resolving issues.
- Develop and refine internal development processes and libraries to aid in projects across the development team.

TECHNICAL CONSULTANT/SOFTWARE DEV
Mosaic Consulting Group | 2021

- Work closely with clients to develop API integration solutions between UKG/UltiPro HCM software and third-party vendor software including but not limited to training programs, Outlook, and recruiting/onboarding software - primarily developed with **C#** and **.NET** technologies
- Participate in development of internal solutions with integration of internal and external API sources
- Consult with clients on technical solutions for a variety of HR and business management needs