Connor Billen
Software Engineer

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Education

B.S. Computer Science
Rochester Institute of Technology '18

Professional Experience

CCRi | Frontend Software Engineer | May 2018 - Present

Worked on a large-scale, production web application used by thousands of end users. Worked with several small teams to construct various front-end micro-services for the web application. Actively partook in cross-team and cross-department coordination and communication to ensure development of new features and bug fixes was as smooth as possible throughout the stack. Worked with Typescript, AngularJS, OpenLayers, GeoServer, and various utility libraries.

EnerNOC | Software Engineering Intern | May 2016 - Jan 2017

Assumed the role of a Junior Software Engineer and QA Engineer, working with NodeJS, Java, CucumberJS, and WebDriverIO. Developed several utility libraries and modified existing web applications to add new features, resolve bugs, and assist in overall production deployment to end users.

Wegmans | Web Application Solutions Developer Intern | Jun 2015 - Jan 2016

Worked with the SharePoint platform developing multiple scripts that interacted with the SharePoint API to implement complex user experience scenarios. Led the development of several full-stack web utilities, gathered requirements from internal business end-users, and provided support post application deployment. Designed and developed complete internal team sites and implemented custom Display Templates, Workflows, Page Layouts, and Web Parts.

RIT | ITS Web Application Developer | May 2014 - May 2018

Assisted in the design and development of internal web applications used for several business processes and aided in the expansion of the web applications to meet the needs and requirements of teams that desired the integration of the new tools into their own workflow. Worked with an existing JS/PHP stack, using BackboneJS as our MV* framework. Expanded project to other faculty teams after completion.

Volunteer Experience

Code for Charlottesville | Volunteer | Jan 2021 - Present

As part of the Brigade Network for Code for America, Code for Charlottesville aims to provide direct technical assistance and technical consulting to non-profits in the Charlottesville and greater Commonwealth area of Virginia. Mainly worked on "The Shop," which provides pro-bono web-based solutions to common problems that non-profits face, such as accessibility, database management, hardware management, application development, and general consulting.

Projects

Patrol

github.com/connorbillen/Patrol
patrol.connorbillen.com
A web application that provides a simple workflow for viewing and interacting with location-based data. Uses a stack consisting of NextJS/React and Apollo/GraphQL.

coach

github.com/connorbillen/coach
An in-progress React Native application that provides an easy-to-use interface for several fitness and nutrition-based goals. Allows user to easily plan and track caloric and macronutrient intake as well as general logging of workout progression. Created mockups and developed the application to pixel-perfect match the experience.

Technical Skills

Javascript	Typescript	NodeJS	AngularJS	Jest	Selenium
React	SharePoint	Python	Apollo/GraphQL	Redux	React Native