

Relative Links:

Github: [Github Link](#)

Linkedin: [Linkedin Link](#)

Portfolio: [Portfolio Link](#)

Skills:

Back-end Frameworks:

.NET Core(ASP.NET Core MVC/Web API) ♦ Django.

Front-end Frameworks:

Angular ♦ Vue.js ♦ React.

ORM's: Entity Framework ♦ SQLAlchemy.

Other: PostgreSQL ♦ Heroku ♦ MySQL ♦ SQLite ♦ Chrome Extension ♦ Unity ♦ Node.js ♦ Docker ♦ Jenkins ♦ HTML ♦ CSS ♦ SCSS ♦ SASS.

Languages: C# ♦ Python ♦ Golang ♦ JS ♦ Typescript



Education:

CareerFoundry: Python For Web Developers Advanced Bootcamp.

Other Interests:

Unity: Love working on games. Well versed with the Unity Editor in 2D, to make animations/canvas layouts/game objects with attached C# scripts.

David McNeill ♦ Full-Stack Developer

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Work Experience:

Bleached Solutions ♦ Junior Developer ♦ Feb. 2021- Present

Live Music Archiver

- ❖ Capitalized on the latest Chrome extension features, to seamlessly organize script injections into windows/tabs. Employed webpack/React to bundle the extension, reducing application size approximately 60%. Fashioned interactive SVGs to enhance the UI/UX.
- ❖ Engineered 20 user-friendly utilities for element selection, laying the groundwork for efficient data scraping on the backend. Utilized colly (a Golang package) for data scraping based on user-provided specifications. Wrote scripts for interacting with DOM elements, which proved instrumental to the project.
- ❖ Assisted Senior Developers with the APIs that performed the scraping. Refactored older scrapers in typescript, getting rid of about 200-300 lines of code per scraper.

Manos Ammo Inc.

- ❖ Built a completely reactive SPA using Angular. Created responsive designs with precision by applying CSS `@media` queries for key breakpoints at 320px, 768px, and 1024px, ensuring smooth adaptability across a wide range of devices. Enhanced UI/UX with Angular material. Worked closely with clients to find out desired design, gather requirements, and handle feedback.
- ❖ Worked with observable functions to stream data, based on product search keywords. Customized golang API queries based on product requirements, and lessened unnecessary data fetching for the pagination process by about 50%.
- ❖ Set up all metadata and tags for SEO in google search. Walked down the process to have the site indexed 1st in the Richmond area for common search keywords.

Bleached Solutions Website

- ❖ Optimized data display and interaction between components in Vue.js by effectively leveraging computed properties and props. Designed modular components, reducing the need for redundant code by 50%.
- ❖ Stylized customizable UI with dark/light mode and 15 color options for buttons/inputs/etc.
- ❖ Developed Node.js project for combining data from 4 different API endpoints. Used GCP services for inputting fused data into Google Sheets.

Revenue IQ ♦ Intern ♦ September 2020 ♦ January 2021

- ❖ Led refactoring of REST APIs(about 25 microservices), significantly enhancing code quality and readability. Implemented the repository pattern, freeing the controllers from business logic and database calls (ASP.NET Core Web APIs). Ensured layers communicated via interface contracts.
- ❖ Established thorough testing environments with Moq for all microservices, and resolved about 25-50 bugs per API controller.
- ❖ Overall, my performance cut unneeded code in the controllers by about 40%.