



Relative Links:

Github: [Github Link](#)

Linkedin: [Linkedin Link](#)

Portfolio: [Portfolio Link](#)

David McNeill ♦ Full-Stack Developer

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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.

Work Experience:

Bleached Solutions ♦ Junior Developer ♦ February 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, resulting in a significantly reduced application size of approximately 60%. Fashioned interactive SVGs to enhance the UI/UX.
- ❖ Engineered 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 and lessened data usage during scraping by 30-40%.
- ❖ Assisted Senior Developers with the APIs that performed the scraping. Repaired older scrapers in typescript/golang for the client, which minimized data usage(30%-40%).

Manos Ammo Inc.

- ❖ Built a completely reactive SPA using Angular. Worked with observable functions to stream data, based on product search keywords. Customized golang API queries, based on product requirements and limited data usage. Data fetching for the pagination process was enhanced, reducing data usage by about 100%.
- ❖ 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. Focused on working closely with clients, gathering requirements and handling feedback.

Bleached Solutions Website

- ❖ Leveraged computed properties and props with Vue.js, for data display between components. Components were made to be modular and reduced the need for additional code by about 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 API's for unit testing, significantly enhancing code quality and readability. Implemented repository pattern freeing the controllers from the business logic/DB calls(ASP.NET Core Web API's). Ensured layers communicated via interface contract, resolving 25-30 bugs in the API controllers.
- ❖ Established testing environments with Moq for all microservices(about 25), increasing unit testing by about 1500 lines of code per microservice.
- ❖ Overall, my performance cut unneeded code in the controllers by about 40%.