



David McNeill ♦ Full-Stack Developer

Relative Links:

Github: [Github Link](#)

Linkedin: [Linkedin Link](#)

Portfolio: [Portfolio Link](#)

Mechanicsville, VA 23111 ♦  (804)-683-7779 ♦  dev.dmcneill@gmail.com

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

- ❖ Built to inject helpful scripts into the browser via chrome extension. Fashioned interactive SVG's for the chrome extension UI/UX. Utilized all of the latest chrome extension features for organized script injections into windows/tabs seamlessly. Familiarized with webpack/React to bundle the extension, encrypting the injected scripts. This was a much lighter build, reducing data usage by about 60%.
- ❖ Engineered responsive/easy to use utilities for selecting elements, establishing a blueprint for data scraping on the back-end. Data scraping was performed with colly(golang package) based on specs provided from the user. My scripts to select elements off webpages were foundational to the whole project, and reduced data usage when 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.

- ❖ Was pivotal in architecting a completely reactive SPA using Angular. Worked with observable functions to stream data, to and from the APIs(golang), based on product search keywords by the user. Customized golang API queries, based on product requirements and limited data usage. Greatly enhanced the pagination process, 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. Worked closely with clients gathering requirements and handling feedback.

Other Projects(experimental projects/Bleached Solutions Main Website)

- ❖ Implemented Vue.js frontend for most projects, including the company's website. Leveraged computed properties and props, with Vue.js, for data display between components. Components were made to be modular to reduce the need for additional code by about 50%.
- ❖ Stylized customizable UI with dark/light mode and color options.
- ❖ Developed Node.js project for API integration with GCP services for 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 microservice controllers post-pattern implementation.
- ❖ Established testing environments with Moq for all microservices(about 25), increasing testing by about 1500 lines of code per microservice.
- ❖ Overall, my performance there reduced unneeded code in the controllers by about 40%.