



Relative Links:

Github: [Github Link](#)

Linkedin: [Linkedin Link](#)

Portfolio: [Portfolio Link](#)

David McNeill ♦ Full-Stack Developer

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 ♦ Feb. 2021 - July 2024

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%.