



David McNeill ♦ Full-Stack Developer

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Github:

<https://github.com/dlm1337>

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Portfolio:

<https://dlm1337.github.io/>

On-Job/Trained 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

Certificates:

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.

Objective:

As a full-stack developer, I excel in building dynamic single-page apps and managing data effectively. My strengths lie in crafting top-notch user experiences through API integration, optimizing data handling, and creating responsive UI/UX designs. I'm adept at adapting to diverse project needs, while also crucial for testing and adhering to design patterns. I am continuing to grow as a developer by studying CI/CD best practices by using Docker/Jenkins/AWS/Grafana. If hired, I will be devoted to learning the Company's tech, and adhering to the company's desired practices.

Work Experience:

Bleached Solutions ♦ Junior Developer ♦ February 2021 - Present

Live Music Archiver

- ♦ Built to inject helpful scripts into the browser via chrome extension V3.
- ♦ Created utilities to select elements on the webpages(usually music venues), creating a blueprint for data scraping on the backend.
- ♦ Data scraping was performed with colly(golang package) based on specs provided from the user via the chrome extension.
- ♦ My main role in this project was responsibility for the entire frontend. I did assist with the building of the APIs that performed the scraping, but mostly dealt with browser interaction and user experience.
- ♦ Used a rollup package and react to bundle the extension.
- ♦ Utilized all of the latest chrome extension features for organized script injections into windows/tabs seamlessly.
- ♦ The algorithm I created to select elements off webpages was foundational to the whole project.
- ♦ Assisted with repairing other scrapers in typescript for the client.

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- ♦ Was pivotal in creating a completely reactive SPA using Angular.
- ♦ Worked closely with clients gathering requirements and handling feedback.
- ♦ Worked with observable functions to stream data, to and from the APIs(golang), based on product search keywords by the user.
- ♦ I had to work with the golang api's to customize queries, based on product requirements and to limit data usage(basically only use the data needed for the current page in the pagination process).
- ♦ Set up all metadata and tags for SEO in google search. Walked down the process to have the site indexed 1st for common search keywords.
- ♦ Built responsive designs using CSS @media rules for every device, and used different HTML views depending on screen size.
- ♦ Assisted in building robust APIs(golang), that would communicate with a postgres db.

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 dynamic data display between components.
- ♦ Customized transitions and animations using Vue's transition component to enhance visual appeal. Created customizable user experience with dark/light mode and color options..
- ♦ Developed Node.js project for API integration with GCP services for Google Sheets.
- ♦ Contributed significantly to UI/UX of Bleached Solutions' 5 projects showcased on portfolio, including company's mainsite.

Revenue IQ ♦ Intern ♦ September 2020 ♦ January 2021

- ♦ Led refactoring of microservices for unit testing, significantly enhancing code quality and readability.
- ♦ Implemented repository pattern, isolating business logic in service layer and abstracting database calls into repo communicating with db context.
- ♦ Ensured layers communicated via interface contract, resolving bugs post-pattern implementation.
- ♦ Established testing environments with Moq for all microservices.
- ♦ Containerized microservices with Docker and integrated into Jenkins builds.
- ♦ Supported senior developer with Angular frontend tweaks.