**Colin McMurtray**

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**Summary**

Full stack developer seeking roles in software development, with a particular interest and expertise in backend development. Graduated from a rigorous coding bootcamp, equipped with comprehensive knowledge across various technologies. Experienced retail worker with a strong focus on customer service with a background in Geography and Computer Science.

**Projects**

**Magpie Gallery**

Description: Our group created a full-stack web app for artists to showcase their work and connect with others

Personal Objective: Developed login functionality and ensured user credentials were encrypted and secure

Tools/Technologies Used: Node.js, Express.js, MySQL, Handlebars, JavaScript, HTML, CSS

GitHub URL:<https://github.com/marysgreenwood/Spaghetti-on-the-Wall-Project>

Deployed URL:<https://murmuring-ocean-73396.herokuapp.com/login>

**Filmdex**

Description: Our group created a web app that provides comprehensive information on movies and TV shows

Personal Objective: Developed API calls to retrieve information and functionality to display movie posters

Tools/Technologies Used: JavaScript, HTML, CSS, GitHub, and Third-Party APIs

GitHub URL**:** [**https://github.com/mdlahey1/Project1-Front-End-App-Group6**](https://github.com/mdlahey1/Project1-Front-End-App-Group6)

Deployed URL: [**https://mdlahey1.github.io/Project1-Front-End-App-Group6/**](https://mdlahey1.github.io/Project1-Front-End-App-Group6/)

**Education and Training**

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| **University of North Carolina** | Chapel Hill, NC |
| *Certificate Full Stack Development* | March 2023 |
| **University of Mary Washington** | Fredericksburg, VA |
| *Bachelor’s in Geography and Minor in Computer Science* | May 2022 |

Relevant Coursework: Computer Programming and Problem Solving, Object-Oriented Analysis and Design, Applied Discreet Mathematics**,** Applications of Databases, Information Storage and Retrieval, Networking

**Skills**

Programming Languages: Python, Java, JavaScript ES6, HTML, CSS, SQL

Database Management Systems: MongoDB, MySQL, Redis DB, MariaDB

Back-End Tools: OOP, npm, Express.js, Node.js, Sequelize, Mongoose, Multer, NumPy, Python os, Python ArgParse, Python Collections, Pandas, ArcPy, csv, java.io.File, java.io.FileInputStream, java.util.Locale, java.io.FileNotFoundException, java.util.stream, java.io.File, java.util.Hashtable, java.io.IOException

Front-End Tools: jQuery, React.js, Fetch APIs, JSON, Bootstrap, Redux

Miscellaneous Skills: Web Crawling, Regular Expressions (Regex), Traditional/Machine Learning-Based Ranking, Link-Based Algorithms, Metadata Usage, OPI layers, GraphQL, Jest, Git, GitHub, GitLab, Jupyter Notebook, AGILE Programming

**Experience**

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| **Crew Member** | Jacksonville, FL |
| *Moe’s Southwest Grill* | August 2022 |

* Utilize the company’s user interface to record customer orders accurately and efficiently
* Stay updated with menu changes for customer inquiries and provide informed recommendations
* Collaborate with team members to ensure timely and accurate order fulfillment

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| --- | --- |
| **Restaurant Server** | Baltimore, MD |
| *Akira Ramen and Izakaya* | August 2021 |

* Fostered welcoming environment at the restaurant
* Navigated and used terminal for recording customer orders

**Activities and Leadership**

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| **Eagle Scout** | Ellicott City, MD |
| *Troop 944* | November 2018 |

* Managed a community service project constructing picnic tables for a local animal shelter
* Led a team of 15-20 volunteers during the project

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| **College Debater** | Fredericksburg, VA |
| *University of Mary Washington Debate Team* | March 2020 |

* Conducted thorough research to strengthen arguments and cases
* Demonstrated effective public speaking skills in high-pressure situations