

# Colin McMurtray

Phone: (443) 970-5620 | Email: [mcmurtraycolin@gmail.com](mailto:mcmurtraycolin@gmail.com) | Richmond, VA  
LinkedIn: [/Colin McMurtray](#) | GitHub: [/Colin McMurtray](#) | Portfolio: [/Colin McMurtray](#)

## SKILLS

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

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

Back-End Tools: OOP, npm, Express.js, Node.js, Sequelize, RESTful APIs, Flask, Python OS, Python ArgParse, Python Collections, Arc-PY, Java Collection API, Java Threads, Java Stream API, Java 8 Features, Spring Boot, Spring Web Module

Cloud Computing Platforms: Google Cloud, Heroku, AWS

Front-End Tools: jQuery, React.js, Fetch APIs, Handlebars, Bootstrap, Django, GitHub Pages

Miscellaneous Skills: Index Construction, Regular Expressions, Jupyter Notebook, OSI layers, Internet Protocol Stack, Wireshark, Graph-QL, JSON, Jest, Git, GitHub, GitLab, GitPod, Agile methodology

## RELATED EXPERIENCE

### PEP Program (Revature's Pre-Employment Training Program)

Remote

Revature

July 2023 - October 2023

- Developed 2 RESTful APIs using Javelin and Spring frameworks for a social media application, applying Test Driven Development methodologies across 24 test cases to guarantee API robustness and functionality.
- Engineered mini projects, such as a Javelin-based library system API, a flight tracking system API, and a Java bank account program with overdraft exception handling, showcasing proficiency in Java and RESTful API development.
- Successfully passed 14 comprehensive evaluations, demonstrating proficiency in Java, SQL, and the Spring Framework.
- Completed 108 coding activities, mastering advanced concepts in Java, Algorithms, Spring, Javelin, SQL, and JDBC.

## ADDITIONAL EXPERIENCE

### Delivery Associate

Richmond, VA

Amazon

November 2023 - Present

- Resolve 2-3 technical issues weekly in the Amazon Flex app, showcasing adaptability and problem-solving skills.
- Managed 150+ customer interactions monthly, leveraging strong communication skills to enhance customer experience.

### Crew Member

Jacksonville, FL

Moe's Southwest Grill

August 2022 - November 2023

- Adapted to monthly menu changes, demonstrating flexibility, a key skill in staying current with evolving technologies.
- Collaborated with a team of 3-4 people daily, honing key skills like communication, coordination, and delivering feedback.

### Restaurant Server

Baltimore, MD

Akira Ramen and Izakaya

May 2021 - August 2021

- Engaged with an average of 70+ customers daily, consistently receiving positive feedback for outstanding service.
- Achieved a 97% accuracy rate using a point-of-sale system, showcasing proficiency in data entry and management.

## PROJECTS

### Spring Social Media Blog API | GitHub: <https://tinyurl.com/sd4trge5>

*Description:* Independently developed a social media app functioning as an API backend. The app manages data retrieval for display and processes actions such as logins, registrations, and creates, updates and deletes messages.

*Tools/Technologies Used:* Java, Spring Boot, Spring Data, Spring Framework, PostgreSQL, JDBC

### Magpie Gallery | GitHub: <https://tinyurl.com/3zxer2m4> | Deployed: <https://tinyurl.com/272xknfc>

*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

### Filmindex | GitHub: <https://tinyurl.com/yc7r42pc> | Deployed: <https://tinyurl.com/4e95af7c>

*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, GitHub Pages, and Third-Party APIs

## EDUCATION AND TRAINING

### University of North Carolina

Chapel Hill, NC

Certificate Full Stack Development

March 2023

### University of Mary Washington

Fredericksburg, VA

Bachelor's in Geography focused on GIS and Minor in Computer Science

May 2022

Relevant Coursework: Computer Programming/Problem Solving, Object-Oriented Analysis and Design, Discrete Mathematics, Applications of Databases, Information Storage and Retrieval, Networking, Spatial Analysis, Web GIS, GIS Programming

Activities, Honors, and Leadership: Eagle Scout, College Debate, Dean's List