

Joe Muldowney

✉ muldowneyjoe84@gmail.com | ☎ 941-468-4175 | www.linkedin.com/in/joemuldowneycs
<https://csportfoliojm.com/> | <https://github.com/JoeMuldowney>

Skills

Programming Languages: C++, Python, Java, Go, SQL, PHP, Javascript

Frameworks: Django, Spring Boot, React

Other Technologies: EC2, RDS, Linux, Jenkins, Docker, Git

Work Experience

Senior Connection Center, Inc

Information Systems Specialist

Tampa, FL

Nov 2022 – Present

- I utilized XAMPP for development of a full-stack application using PHP and MySQL to create the back-end structure and JavaScript, HTML, and CSS for front-end design.
- Integrated secure authentication with password encryption and two-factor authentication using PHP's built-in encryption methods and SMTP to email reset pins.
- Enhanced performance by optimizing SQL queries resulting in reduction of load times.

Projects

Property Management

- Developed and deployed an application on AWS utilizing a Linux EC2 instance, PostgreSQL RDS, and a load balancer.
- Built a back-end API in Java utilizing the spring-boot framework and structured with the three-tier-architecture to separate the presentation, application, and data layers.
- Designed the user interface using React and JSX, seamlessly integrating the API endpoints.

Java, Spring Boot, Maven, EC2,
Postgres, React

<https://csportfoliojm.com/frontend>

Virtual Library

- Built a full featured e-commerce application and deployed it on AWS using a Linux EC2 instance, PostgreSQL RDS, and a load balancer.
- Set up Jenkins, Docker, and Git for a robust CI/CD pipeline. Configured a GitHub webhook to automate deployment upon repository changes.
- Created a microservice architecture in python's Django for built-in authentication and used custom models for account features and custom user profiles.
- Developed CRUD operations using Go's standard library, implemented within a microservice architecture for better scalability and maintenance.
- Designed the user interface using React and JSX, integrating API endpoints effectively to provide dynamic and responsive user experience.

Python, Go, Django, Postgres,
Jenkins, Docker, React
<https://csjoepportfolio.com>

Education

Florida State University

BS IN COMPUTER SCIENCE

GPA: 3.5

Panama City, FL

June 2022 – Dec 2025

State College of Florida

AA IN INFORMATION TECHNOLOGY

Bradenton, FL

June 2016 – Dec 2020