

# GARRETT FRESHWATER

## FULL STACK SOFTWARE ENGINEER



garrettfreshwater@gmail.com



garrettfreshwater-nss.github.io



github.com/garrettfreshwater-nss



@garrettfreshwater

## Skills & Technologies:

C#, .NetCore, SQL, SQL stored procedures, NUnit, Dapper, REST APIs, QTest, LINQpad, JavaScript, React, JWT's, Postman, Postman Automation, Github/Bitbucket, Debugging, AutoMapper, RabbitMQ, Hangfire jobs, Agile Development, Amazon Cognito, AWS Lambda, CloudFront, Terraform, Octopus Deploy, TeamCity, Bitbucket, Jira, Confluence

## PROJECT 1

### CPR - COPY PASTE REFACTOR

<https://github.com/garrettfreshwater-nss/C-P-R>

Application to keep track of code snippets from past projects and view other Users' Snippets. Users can comment on other users' code snippets offering advice.

- Created with React and Prism.js
- Users can create, edit, and delete their code snippets
- Filter code languages to pinpoint a specific code snippet

## PROJECT 2

### BLUEGRASS PETCARE

<https://github.com/garrettfreshwater-nss/back-end-capstone>

Full Stack web application built with a Veterinary Hospital in mind. PetCare has full CRUD functionality that allows Pet Owners and Veterinarians to track pet care while eliminating any oversight that can arise from miscommunication.

- Created with C#, .Net Core, and Entity
- Users can create, edit and delete pets and add notes for the pets for later reference

## Academic History

### NASHVILLE SOFTWARE SCHOOL

CERTIFICATE, SOFTWARE DEVELOPMENT  
Nov 2019 - May 2020

### CODING BOOTCAMP - TECH TALENT SOUTH

CERTIFICATE, RUBY & RUBY ON RAILS 2018-2019

### PELLISSIPPI STATE COMMUNITY COLLEGE

ASSOCIATE OF SCIENCE 2016-2018

## Personal Summary

Since graduating from Nashville Software School over two years ago, I've learned from experienced mentors and coworkers in corporate software engineering. This has allowed me to hone my problem-solving and leadership skills while cultivating a strong work ethic and desire for continued learning. As a natural extrovert, I approach each project with energy and enthusiasm and am confident in my ability to handle any task that comes my way. As a passionate and driven software engineer, I believe I would be a valuable asset to your team.

## Work History

### QUALITY ASSURANCE ENGINEER

Clayton Homes // July 2021- Present

- Implemented automation frameworks and test suites to support continuous integration and delivery, resulting in increased efficiency and faster time-to-market.
- Automated API testing using Postman regression tests, increasing testing efficiency and feedback loop speed.
- Documented quality assurance best practices, providing guidance to non-software QA team members for testing complex solutions.
- Collaborated with software engineers to troubleshoot and resolve bugs identified during testing, ensuring timely delivery of high-quality software.
- Conducted root cause analysis on failed tests, identified and resolved issues with cross-functional teams, and recommended preventive measures to improve test stability and reliability.

### ASSOCIATE SOFTWARE ENGINEER

Clayton Homes // July 2020- 2021

- Communicated and aligned with product owners, developers, and QA team members through agile ceremonies to meet quality goals and priorities.
- Maintained VMFHomes.com website for optimal user experience, ensuring high performance, stability, and usability.
- Contributed to modernizing a complex legacy software system, designed and implemented a new Progressive Web App (PWA) with a .NET Domain-Driven Design (DDD) backend, resulting in significant improvements to user experience, performance, and reliability.
- Developed a sophisticated sync service to update and synchronize legacy and new databases, leveraging Dependency Injection, multiple APIs, and NUnit testing to ensure high quality and reliability.
- Authored an API that monitored the RabbitMQ event queue, accurately storing events, reducing the risk of data loss or inconsistency and improving reliability and performance of event processing.

## Educational Experience

### FULL STACK SOFTWARE DEVELOPER

Nashville Software School // Nov 2019 - May 2020

Intensive full-time 6-month software development program learning full-stack technologies through the creation of applications individually and in the group setting.

- Designed and developed diverse one-page applications, utilizing HTML5, CSS3, JavaScript, React.js, C#, .NET Core, Entity, and other relevant technologies.
- Practiced agile methodology, participated in daily stand-ups and weekly retrospectives, and collaborated effectively with team members.
- Utilized Git and GitHub for version control to ensure efficient code management and deployment.