

# GARRETT FRESHWATER

## FULL STACK SOFTWARE ENGINEER



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garrettfreshwater-nss.github.io



github.com/garrettfreshwater-nss



@garrettfreshwater

## Skills & Technologies:

C#, .NetCore, Elixir, Phoenix, JavaScript, React, TypeScript, SQL, PostgreSQL, NUnit, REST APIs, LINQpad, 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, Jitbit

## 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

## Work History

### SUPPORT ENGINEER

Carebridge Health // 2023 - Present

- Investigated and debugged complex issues within the codebase, collaborating with developers to deploy timely hotfixes, ensuring minimal downtime.
- Demonstrated proficiency in troubleshooting and resolving issues across multiple platforms and environments, displaying strong problem-solving abilities.
- Maintained open lines of communication with users, providing regular status updates and managing expectations throughout the resolution process.
- Leveraged strong communication skills to clarify user requirements, convey technical information effectively, and manage expectations.

### QUALITY ASSURANCE ENGINEER

Clayton Homes // 2021- 2023

- 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 // 2020- 2021

- Communicated and aligned with product owners, developers, and QA team members through agile ceremonies to meet quality goals and priorities.
- 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 // 2019 - 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.