

## Software Developer

*Full-Stack Developer, Complete Software Lifecycle Experience, Data ETL Experience*

- Experience in complete lifecycle software development: from concept to delivery using agile methodology for development and automation pipelines for delivery.
- Expert consulting experience in analyzing current solutions, developing cost-effective, and client-satisfaction driven results.
- Advanced troubleshooting capabilities for researching and identifying defects, resolving, testing and deploying accurate solutions.
- Writing high quality code with automated unit testing and integration testing, while focusing on the industry standards in design principles and agile methodologies.

## Familiar Technologies

Web3 (Solidity, Ethereum, NFTs, Soul-bound tokens, Fungible Tokens), React, NextJs, C#, .NET, Typescript, AWS (S3, DynamoDB, SNS, SQS), Github Actions, TSQL, NoSQL

## Experience

*Senior Software Engineer - Roofstock, Inc*

*January 2022 - Present*

At Roofstock I worked on the newly formed Roofstock onChain team to establish whatever technology was needed to support a brand new vertical at Roofstock. My development team of 2-3 people worked closely with the marketing, legal, and security team to develop a few products that were used to support the purchase and sale of homes as NFTs.

*Software Engineer II - EBSCO, Inc*

*February 2019 - January 2022*

As a software engineer at EBSCO I focus mainly on full stack development of our customer facing flagship application EBSCONET. It is an older application that has a multitude of responsibilities and it has been our focus to pull functionality into microservices that the site could simply show on the page. At EBSCO I have enhanced my skills in JS (with React), .NET Core, and AWS.

*Software Developer - Regions Bank*

*January 2018 - February 2019*

As a software developer with Regions Bank I have worked on integrated a legacy product's functionality into a relatively new C#/ASP.NET solution. I have worked with my team to implement a process that will allow for the use of continuous integrations and automated deployments through TFS and TFVC. I worked on a team of 5 developers and encouraged collaboration and agility through the experiences I brought to the table.

*Software Developer – INTL FCStone Financial Inc.*

*May 2017 - December 2017*

As a software developer with INTL FCStone I worked on a team of 4 developers to maintain an ASP.NET C# web application which assisted Financial Representatives in making trade transactions and comparing trends over time. In maintaining this application I implemented changes to correct bugs and add in new features to the website. I also assisted in upkeep of the automated build and deployment pipelines.

*Software Developer II – CTS, Inc.*

*June 2015 - May 2017*

I moved to Birmingham to lead a new client engagement, which would be a small team of 2 – 3 developers working at the client's site on a Content Management solution for a nuclear plant. As the technical lead for the project, I have managed the project tasks and the expectations of the client and the CTS portfolio director. I have

communicated needs for our team when they arose and successfully managed time for my team. In addition to managing the engagement I implemented changes to the many micro-services using PL\SQL, C#, ASP.NET, SSIS and SSRS.

*Software Developer – ArchPatent, Telecommute*

*October 2012 – March 2015*

I assisted in developing a Patent Searching solution Web API in a Ruby on Rails framework. An aspect of this was a web crawler which pulled new patent data and files from the US Patent Office sites, and a user interface for adding additional licenses for the API. I also assisted the company with establishing issues and requests tracking system and software logging practices.

## **Education**

Computer Science B.S. University of South Alabama - May 2015

## **Philanthropy**

*CTO / Be The Change Gulf Coast*

*October 2019 – Present*

In the role of Chief Technology Officer for the 503(c) Non-Profit "Be The Change Gulf Coast", I have implemented a public website with anonymous access to information about the charity. As well as a user driven set of pages for requesting assistance, and an admin page (only accessible by a select set of users). This website is hosted completely in AWS using DynamoDB, Lambda Functions, API Gateway, Cloudfront, Route53, IAM, and Cognito.

*Volunteer Teacher / TEALS*

*August 2019 – March 2020*

Technology Education and Literacy in Schools (TEALS) is a Microsoft Philanthropies program that builds sustainable CS programs in high schools. I taught the TEALS curriculum to a classroom of mostly Juniors and Seniors. I also talked about the software development industry and how to get into it.