

ETHAN SHEALEY

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PROFESSIONAL SUMMARY

Presently seeking full time opportunities to leverage problem-solving and computer programming knowledge as well as develop the necessary abilities to grow as a Software Engineer.

EXPERIENCE

Fidelity Investments

Durham, NC

Associate Software Engineer

June 2022 - Present

- Building and supporting client-side applications using Component Driven Development (CDD) technique in Angular, HTML, CSS and JavaScript
- Building and supporting RESTful server-side applications using Test Driven Development (TDD) and Object Oriented Analysis and Design (OOAD) techniques with multiple modern technologies like Java, Spring, NodeJS, Express, SQL, and AWS
- Utilize Terraform and Jenkins Core to migrate mainframe applications to the cloud

Mayo Clinic

High Point, NC

Full Stack App Developer

November 2019 – May 2022

- Worked collaboratively with three teammates to successfully design and deploy an agile web application
- Using the Flask Framework leveraging Python and Jinja2 we were successfully able to stand up the application into a production environment
- In charge of building custom survey tools, in-site mailing/messaging service, and data administration dashboard with a custom content management system
- Continuously used Git to facilitate best practices of version control and issue tracking

High Point University

High Point, NC

Student Instructor and Tutor for Computer Science

January 2019 – August 2020

- Aided professors in facilitating and teaching new computer science students the critical fundamentals of programming
- Made myself readily available for struggling students to provide a one-on-one atmosphere. Which lead to being able to develop a personalized approach that allowed the students to understand much needed programming concepts

EDUCATION

HIGH POINT UNIVERSITY

High Point, NC

Bachelor of Science, Computer Science

May 2022

PERSONAL PROJECTS

Digital Portfolio (<https://www.ethanshealey.com/>)

- Leveraged React Framework and Github Pages to build and deploy a website to showcase my web design skills
- The website is continuously updated and maintained to showcase new personal projects and certificates

Recipe Blog

- Created a custom RESTful API using NodeJS and Express that connects to a MySQL database storing recipes
- The API has multiple endpoints that a user can interact with to retrieve, store, update, and delete recipes. Upon an API call the database either is queried or updated depending upon the user's request
- Utilized Python Flask to develop a client-side application to serve the recipes from the API

SKILLS

Languages

- C/C++, Python, Java, JavaScript, TypeScript, HTML5/CSS3, SQL, NoSQL, MATLAB

Frameworks

- Spring, Flask, Django, NodeJS, Express, React, Angular, React Native, Electron, jQuery, AJAX

Tools

- VS Code, Android Studio, Bash, Git, Docker, Jenkins, Terraform, AWS, Vim, RESTful APIs, Firebase, Terraform, Jenkins Core, Kubernetes, IntelliJ