

ETHAN SHEALEY

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PROFESSIONAL SUMMARY

Highly skilled and motivated Software Engineer with 2.5 years of experience in designing, developing, and implementing cutting-edge software solutions. Committed to continuous learning and passionate about exploring new technologies to enhance efficiency and deliver exceptional results. Seeking a challenging position in a dynamic and innovative organization to contribute my expertise and creativity to drive impactful software projects.

EXPERIENCE

Fidelity Investments

Durham, NC

Associate Software Engineer

June 2022 - Present

- Develop and maintained web applications using Java, Spring, and Angular in an Agile team environment.
- Reduced operation costs by more than 80% by reverse engineering and documenting hundreds of legacy COBOL programs to be migrated to Java
- Identified and corrected bottlenecks in existing RESTful APIs which lead to a runtime decrease of over 50% and reduced compute overhead
- Led the design and implementation of a comprehensive performance testing suite utilizing Mox to simulate high user loads, resulting in an application response time improvement of 30% under heavy loads.

Mayo Clinic

High Point, NC

Full Stack App Developer (Part-Time)

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
- Designed to replicate the look and feel of a Github profile

Recipe Blog (<https://recipes.ethanshealey.com>)

- 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, COBOL

Frameworks

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

Tools

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