Isaac **McQueen**

imcquee | 📞 843-368-1526 | ✉ imcqueendev@gmail.com | 🖥 isaacmcqueen.com

Experienced Software Engineer

Education

Clemson University   *Clemson, SC*
BACHELORS OF SCIENCE IN COMPUTER SCIENCE   *2015 - 2019*

- Major Focus: Distributed and Cloud Computing
- Courses: Software Engineering | Functional Programming | Data Structures and Algorithms | Database Systems | Operating Systems | Networking | Computer Architecture
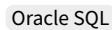
Professional Experience

Fidelity Investments   *Raleigh, NC*
JUNIOR SOFTWARE ENGINEER   *2020 - 2021*

- LEAP program graduate: a 6-month full-stack development program for high-potential CS graduates
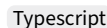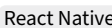- Maintained and developed sensitive customer investment APIs for high value executives

`.NET Core/Framework` `Java` `Angular` `Oracle SQL` `Azure DevOps CI/CD`

Driven Deliveries   *Los Angeles, CA*
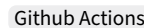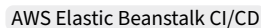SOFTWARE ENGINEER/ SENIOR SOFTWARE ENGINEER   *2021 - 2023*

- Implemented a driver tracking system monitoring 100+ drivers daily in Southern, Central, and Northern California
- Created a cloud based media library to share multimedia content across the company
- Led development for a dynamic routing system that leverages vehicle routing algorithms with safe and transactional overrides
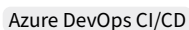
`Typescript` `NodeJS` `React` `React Native` `MongoDB` `Github Actions` `AWS Elastic Beanstalk CI/CD`

True Homes   *Charlotte, NC*
PLATFORM ENGINEER   *2023 - Present*

- Designed a strangler-fig migration pattern to upgrade a large web forms project to modern Blazor
- Facilitated a migration from TFS to Git, including the creation of a Git tool to manage multiple repositories across the company
- Introduced a new document builder tool, eliminating the need for manual document creation
- Reduced the page load time for a high-traffic tool by 86%, saving relevant employees 50+ hours per year
- Optimized the pdf build and aggregation process, reducing generation times by 58%

`.NET Core/Framework` `Blazor` `MS SQL` `Azure DevOps CI/CD`

Projects & Associations

Brother 2 Brother
CO-FOUNDER

- Clemson University's chapter of the Student African-American Brotherhood (SAAB)
- SAAB is an inclusive organization dedicated to ensuring men of color have the support needed to excel academically, socially, and professionally
- Board member responsible for planning and executing events, managing finances, and organizing campus outreach

Debug and Deploy Tool
CREATOR

- Tool that allows you to build, deploy, and debug applications for the PS Vita via FTP with one command
- Enables basic commands to be sent wirelessly via Unix/Windows CLI, VSCode, or MacBook Touch Bar (ex. screen on, restart, copy files)

`Typescript` `Lua` `Sqlite`

Skills

Languages   Typescript/Javascript 🆘 | C# ⊞ | SQL 🗄 | Python 🐍 | HTML/CSS (Tailwind, SASS) 🔶

Tech Stack   React/React Native ⚛ | Node 🆖 | .NET (Core/Blazor) ⊞ | MongoDB 🍃 | Redis 🗇

Tooling & CI/CD Docker 🐳 | Nix ❄ | Github Actions 🐙 | AWS Elastic Beanstalk aws | Azure DevOps Pipelines ⊞

Personal Interests Trying new languages and tools </> | Tennis 🏃 | Live Music 🥁 | Arsenal FC ⚽ | Going new places 🏖