

# Isaiah Francois, IF

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## PROFESSIONAL SUMMARY

A **software development and performance engineering expert** with 2+ years of experience in *developing quality assured applications and supervising/training students. A collaborative developer and engineer with experience and education in the hardware and software sides of technology who thrives on discovery and accelerating performance.*

Areas of professional expertise:

- **Technical Troubleshooting and Debugging**
- **Software and Engineering Documentation**
- **Systems Architecture and Operations**
- **Teamwork and Cross-functional Communication**
- **Performance Engineering**
- **Programming in JavaScript, Python, and C#**

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## PROFESSIONAL SKILLS DEMONSTRATED

CoachMe Health

October 2019 – December 2019

*Patient first non-profit organization dedicated to improving the health of low-income Americans with diabetes and heart disease with health coaching for those who need it most.*

### Full Stack Engineer

Designed database structures, implemented latest web technologies, analyzed targeted demographic, and developed a front/back end ultimately providing the company with a website that is utilized everyday.

- **Software and Engineering Documentation:** Develop and maintains system design documents (e.g. proofs of concept, requirements specification, subsystems) and collaborates with project managers to scope milestones, resource use, and report to clients (e.g. Patients) on project progress
- **Technical Troubleshooting and Debugging:** Collaborates cross-functionally with clients and hardware engineers during the development and integration project phases to troubleshoot and/or debug software stacks.
- **Systems Architecture and Operation/ Performance Engineering:** Converted requirements from clients into production ready APIs that enable customization and streamlined work progress.
- **Teamwork and Cross-functional Communication:** Interfaced with development engineers to develop test cases, diagnose problems, and develop debugging methodologies.

Lambda School

November 2019 – Present

*9+ month Computer Science & Software Engineering Academy that provides an immersive hands on curriculum with a focus on computer science, and full-stack web development.*

### Team Lead

Administered and provided daily feedback for students through code reviews, standup meetings, and encouragement.

- **Code Analysis:** Delivered one-on-one feedback and code review on a weekly basis giving feedback on areas of improvement.
- **Facilitate Students:** Mentored 10+ students on how to learn effectively and solve programming problems. Provided daily feedback and issue resolution of all curriculum through slack interface. Led daily standup meetings to build camaraderie, facilitate sharing of ideas and work progress, and provide guidance for that week's study material.