Griffin C. Hood – Software Engineer

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Software Engineering Skills

- **Front-end:** Windows Presentation Foundation, XAML, JavaScript, jQuery, React, Sass, Bootstrap, HTML, CSS
- **Back-end:** C#, C++, Java, Ruby, Rails, PostgreSQL, SQLite, Node.js, Express, MongoDB, Python
- **Tools:** Git, Visual Studio, Microsoft Office, PowerShell
- **Operating Systems:** Windows, Mac OS, iOS, Linux

Experience

- Collaborated with a team of developers to build a workflow using Python and Apache Airflow to predict energy costs using machine learning.
- Responsible for administering and maintaining various Linux servers and their processes and applications.
- Responsible for continuous integration of various productivity tools including Jira, Slack, Upwork, and GitHub.
- Built an ETL in Python that retrieves weather forecasting metrics and transforms them to store in a database.
- Configured and Installed performance monitoring solutions on Linux servers.
- Developed a Tic-Tac-Toe application that communicates with a Rails API and includes user authentication, JavaScript, jQuery, HTML, and SASS.
- Built a full-stack inventory management application with a Ruby on Rails back end and a JavaScript front end that protects against cross-site scripting using Handlebars.
- Collaborated with a team of 4 developers to build a survey taking application using an Express.js and MongoDB back end.
- Developed a React application for sports teams where users can create posts and comments and can create schedule events.
- Built and configured custom computers and equipment to run an advanced POS system.
- Remotely ran upgrades on customer machines to implement the latest software release.
- Maintained network and hardware to keep customer businesses operational.

Application Development

- Inventix
- Ask-Nicely
- TeamNotiphy

Community Service

Assistant Coach, Needham High School Wrestling, Needham MA   December 2017 - Present

- Coach varsity level student-athletes in folk-style and freestyle wrestling
- Built a React app that the organization uses to communicate between athletes, parents, and coaches and track the teams progress throughout the season

Education

Software Engineering Immersive, General Assembly, Boston MA   2019

Massachusetts Bay Community College, Needham, MA   2016 - 2018

Employment

- **DevOps Engineer**, Bia Capital Partners   Jun 2020 – Present
- **Staging Analyst**, FoodTec Solutions, Needham MA   May 2019 – October 2019