Marcus Stewart

Web and Software Developer

Ambitious web and software developer with multiple years of experience in designing and creating web applications. Eager about ReactJS, the latest front-end frameworks, and object-oriented programming. Continuous learner that is enthusiastic to make a long-term impact.

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WORK EXPERIENCE

Associate Solutions Engineer
Equus Compute Solutions

06/2019 - 10/2020   *Golden Valley, MN*

Equus Compute Solutions, Inc. manufactures, integrates, and sells computer hardware solutions for data centers and customers.

Achievements/Tasks

- Designed and developed a server monitoring utility for capturing hardware status and fault events. This tool allowed clients to view and notifies of failures from physical disk, virtual disks, fans, and power distribution units.
- Designed and developed a server laboratory temperature-monitoring application to power off the servers once the temperature of the laboratory passes the temperature limit. ☐
- Created a web-based training solution to assist the production assembly line engineers on how to build a server. The website contains simplified images of motherboards, servers, and chassis, easing the process of building a server.
- Maintained a server laboratory, which included building bare-metal hardware builds, troubleshooting, performance testing, and application testing.

Intern (Summer and Winter Breaks)
Equus Compute Solutions

05/2017 - 01/2019   *Edina, MN*

Achievements/Tasks

- Created a Server Diagnostic Application to convert JSON files to string statements to monitor the state of servers. ☐
- Implemented Flexible I/O Tester on servers for benchmarking, stress testing, and validating the performance of hardware.
- Designed requests using Postman API for API testing to help detect the early stages of bugs.

EDUCATION

B.S in Computer Science
University of Wisconsin - Madison

SKILLS

JavaScript HTML5 CSS3 React JS

Gatsby JS Front-End Development GraphQL

Java C Bash PHP Python Kotlin

SQL Git Object-Oriented Programming

Linux Servers Windows Server

Commvault Hyperscale

PROJECTS

Commvault Hardware Monitoring Service (03/2020)
- A service monitoring utility to capture various hardware statuses and fault events
- Technologies: Bash

Node-RED Temperature Monitoring Flow (05/2020)
- A web application used to monitor the temperature of a server laboratory
- Technologies: Bash, Node-RED

Supermicro Ultra Builds Website (10/2020)
- A website created to help the Equus production team build servers with Supermicro components with no errors
- Technologies: Gatsby.js, GraphQL, CSS3, jQuery

Personal Portfolio (10/2020)
- My personal website
- Technologies: Gatsby.js, GraphQL, CSS3
- Live Demo: https://marcusstewart.me