

# Marcus Stewart

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## Education

**University of Wisconsin - Madison**

Madison, WI

Bachelor of Science in Computer Science

May 2019

## Work Experience

**Equus Computer Systems**

Golden Valley, MN

Associate Solutions Engineer

Jun 2019 - Sep 2020

- Designed and developed a real-time server monitoring utility in the company's server room, improving hardware failure detection speed and enhancing system reliability during testing.
- Engineered a temperature monitoring system with automated server shutdown logic, reducing the risk of damage to lab equipment.
- Built a web-based training platform that reduced the onboarding time for production engineers by 20%, integrating visual guides for server assembly.
- Utilized Postman API to automate testing processes and identify early-stage bugs, reducing pre-deployment issues by 30%.

**Nextek**

Shoreview, MN

Junior Software Engineer

Nov 2020 - Oct 2025

- Contributed to the development and maintenance of a sales acceleration platform serving 2,000+ financial services offices, 2,000+ professionals, and 3 million+ clients, enhancing platform reliability and user experience.
- Diagnosed and resolved software defects in .NET, improving system stability and reducing recurring production issues.
- Utilized Microsoft Azure for code deployments, sprint management, log monitoring, and performance metric analysis, contributing to faster release cycles and more reliable operations.
- Designed and built internal full-stack applications using the TALL stack (Tailwind CSS, Alpine.js, Laravel, Livewire), providing lightweight tools to support financial services professionals' daily operations.
- Collaborated with Project Owners, engineers, and internal advisor teams to design and refine applications that streamlined operational workflows, reducing process complexity and improving internal efficiency.

## Projects

**Node-RED Temperature Monitoring**

- Created a web-based temperature monitoring flow to automatically manage server power based on threshold limits.
- Tools Used: Node-RED, Bash

**Personal Portfolio Website**

- Designed and deployed a responsive portfolio showcasing professional projects and contact information.
- Tools Used: Gatsby, GraphQL, Tailwind

## Technologies

**Languages:** JavaScript, PHP, Java, C#, Bash, SQL, HTML, CSS

**Frameworks:** Laravel, Vue.js, .NET, Gatsby, Tailwind

**Platforms:** VS Code, Visual Studio, Git, Postman, Azure DevOps

**Concepts:** Object-Oriented Programming, API Design, System Monitoring, Hardware Integration