

Marcus Stewart

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EDUCATION

University of Wisconsin-Madison

Bachelor of Science in Computer Science

Madison, WI

August 2017 – May 2019

EXPERIENCE

Nextek

November 2020 – October 2025

Junior Software Engineer

Shoreview, MN

- Contributed to a sales acceleration platform supporting 2,000+ financial offices, 2,000+ professionals, and 3 million+ clients, improving uptime and user experience.
- Owned the full life cycle of internal full-stack tools built with the TALL stack (Tailwind CSS, Alpine.js, Laravel, Livewire) and MySQL, from design and development to deployment, streamlining financial advisors' workflows and reducing manual data entry by automating core processes.
- Reduced recurring production issues by 30% through proactive debugging and optimization in .NET.
- Built and maintained Azure DevOps pipelines for automated testing, builds, and deployments, while leveraging integrated sprint tracking and performance analytics to achieve faster release cycles and improved stability.
- Partnered cross-functionally with product owners and engineers to streamline processes, resulting in improved operational efficiency.

Associate Solutions Engineer

June 2019 – September 2020

Equus Computer Systems

Golden Valley, MN

- Designed and implemented a real-time server monitoring system, improving hardware failure detection and testing reliability.
- Built an automated temperature monitoring system with self-regulating shutdown logic, preventing equipment damage and minimizing manual oversight.
- Created a web-based training platform that reduced onboarding time for production engineers by 20% through interactive guides.
- Automated testing using Postman API, cutting pre-deployment bugs by 30%.

PROJECTS

Portfolio Website | Gatsby, DaisyUI, Tailwind CSS, Arcjet

November 2025

- Rebuilt and redesigned portfolio using Gatsby, Tailwind CSS, and DaisyUI, achieving a fully responsive, modern UI.
- Integrated Arcjet to implement rate-limiting and security measures, protecting endpoints from abusive requests.
- Streamlined project updates by adopting a component-based architecture, reducing maintenance time by 50%.

Node-RED Temperature Monitoring Flow | Node-RED, Bash

April 2020 – May 2020

- Built a Node-RED automation flow that continuously tracks temperature from an AVTECH Room Alert Monitor.
- Configured SNMP and email nodes to send real-time alerts when temperature exceeds defined thresholds, preventing hardware overheating.
- Enabled user customization via configurable SNMP subtrees and email nodes.

Supermicro Ultra Boards Build Website | Gatsby, GraphQL, CSS

July 2020 – September 2020

- Designed and developed an interactive build guide website using Gatsby, enabling production engineers to easily follow detailed motherboard setup instructions.
- Utilized GraphQL to dynamically source and manage high-resolution instructional images, improving page load speed and content scalability.

TECHNICAL SKILLS

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

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

DevOps & Tools: Git, Github, VS Code, Visual Studio, Postman, Azure DevOps

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