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Quincy Manson

Work Experience

Full Stack Developer **QM2 Technology** **May 2023 - Present**

Self-Employeed

- Established a freelance software development business, focusing on solutions for small/medium-sized enterprises.
- Built and designed front-end UI as well as back-end hosting and database management, while closely collaborating with clients to meet their specific technical and design requirements.
- Successfully delivered a comprehensive inventory management system for Blackrocks Brewery, significantly reducing loss and enhancing production tracking. Played a pivotal role in optimizing their multi-state distribution operations and elevating distributor satisfaction.
- Utilized: Javascript, Python, HTML/CSS, Vercel, and Supabase (PostgreSQL).

DevOps Engineer **Auto-Owners Insurance** **April 2022 - February 2023**

Corporate Data Management (CDM) Team

- Independently executed large-scale project releases, coordinating with ETL developers, ensuring delivery across environments, troubleshooting when necessary to facilitate smooth and efficient deployment processes.
- Advanced CI/CD projects in collaboration with the rest of DevOps team. Drove cross-functional team efforts to devise solutions that bolstered the performance and productivity of both ETL and DevOps processes.
- Reduced communication delays and significantly accelerated the deployment process by creating PowerShell-based GUI tool for CI/CD and providing standardization for projects from XML templates.
- Conducted comprehensive system health checks and enhanced monitoring capabilities by setting up proactive alerts and effectively addressing production outages, which minimized downtime and streamlined incident response, increasing the organization's operational robustness for the large-scale data systems.
- Utilized: PowerShell, Jenkins, Bitbucket, Kubernetes, Hadoop Datalake, and Unix.

Associate Software Developer **Brooksource** **June 2021 - April 2022**

Contracted Employee

- Improved issue detection and response times with Splunk alerts, refining the alert system to detect nuanced issues by correlating error codes to specific problems, as well as introducing integration of existing alerts with Slack.
- Oversaw deployment of minor CDM project releases in collaboration with DevOps team.
- Recognized for exceptional performance and client satisfaction, leading to a contract extension with Brooksource and subsequent full-time employment offer from Auto-Owners.
- Utilized: Splunk, JIRA, WhereScape and MS SQL Server.

Undergraduate Learning Assistant **Michigan State University** **January 2021 - May 2021**

CSE 320: Computer Organization and Architecture

- Conducted office hours, employing effective time management and rapid troubleshooting skills to efficiently address the needs of several students within limited time window.
- Graded complex assignments and projects in Assembly and C languages, utilizing SSH to access university server.
- Streamlined the grading process of hundreds of assignments by updating and employing bash script automation.
- Actively engaged in classroom forum, providing timely and clear solutions to students' queries.
- Utilized: PuTTY (SSH), Assembly, C, Unix Shell scripting.

Education

East Lansing, MI **Michigan State University** **August 2018 - May 2021**

- **Major:** Computer Science Engineering, B.S. (GPA: 3.65)
- **Minor:** Mathematics and Biochemistry
- **Coursework:** Algorithms & Data Structures, Machine Learning, Web Development, Artificial Intelligence
- **Roles & Accomplishments:**
  - Sensors Team Lead of MSU Strength Augmenting Robotic Exoskeleton Team.
  - Accelerated graduation to 3 years while maintaining Deans List every eligible semester.
  - Elsworth Housing Cooperative Finance Officer.

Skills

Software: {*proficient*} Python, JavaScript, HTML/CSS, C++, Git {*familiar*} Java, SQL, Rust, Assembly