Cole Sayre

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PROFESSIONAL SUMMARY

Self-driven software engineer who takes initiative and enjoys finding new solutions to existing problems. Specialized in C#/.NET with an emphasis in data integration and manufacturing software. Experienced delivering products from design to deployment. Able to break-up large tasks into smaller attainable goals to make the task at hand easier. Holder of DOE Q-level clearance.

SKILLS

- C#, SQL, Scrum
- .NET, HTML, CSS, Linux
- EF Core, Avalonia UI
- MVVM, DI
- GitLab, CI/CD, Splunk
- Certified Product Owner

EXPERIENCE

SOFTWARE ENGINEER | 11/2022 to PRESENT
Kansas City National Security Campus - Kansas City, MO
Smart Factory Team Member

- Developed full-stack C#.NET SPC applications including MVVM desktops apps, Windows services, and automated console tools that replace manual processes.
- Designed and developed C#.NET data ingestion system that parses inspection reports and inserts structured data.
- Automated reporting and data validation workflows with C# to deliver scheduled summaries to stakeholders.
- Managed and organized GitLab repositories including code reviews through merge requests, rebasing and testing.

TECHNICAL SOLUTION ANALYST | 09/2021 to 11/2022
Oracle Health (Cerner) - Kansas City, MO
Dynamic Documentation Team Member

- Providing functional and technical expertise to our clients while maintaining valuable relationships and collaborating with project teams who are implementing Oracle Health's solution.
- Configuring HTML templates and XSLT stylesheets to meet the client's and provider's needs.
- Utilizing SQL queries to investigate errors and determine root causes confirmed via debugging JVM server logs.
- Troubleshooting service requests, retesting workflows and resolving client incidents while creating documentation.

SENIOR DESIGN PROJECT | 08/2020 to 05/2021
United States Air Force - Wichita, KS
Project Manager

- Engineering an autonomous, differential drive, sanitation robot for preventing the spread of COVID-19 within the Air Force base.
- Coordinating project responsibilities with team members throughout the project's length.
- Designing and programming the Nanny robot using the ROS Framework and Fusion360 software.
- Responsible for simulating the Robot's mapping function and localization with C++.
- Awarded the Boeing Company "Best of Show" and the EECS Departmental "Best EECS Senior Design II Project"

EDUCATION

Wichita State University - Wichita, KS | Bachelor of Science
Computer Science, 2021 | Minor in Mathematics

ORGANIZATIONS

Member of Phi Delta Theta Fraternity