Dakota Erickson

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SOFTWARE ENGINEER

Proven ability to apply software engineering principles and experience in both new and familiar domains

CORE COMPETENCIES

Problem solving, Data Structures & Algorithms, Version Control, Strong Communication Skills

EXPERIENCE

NetApp   **June 2019 - October 2020**
Software Engineer
- Refactored an inherited Python code base with hard coded values and paths to be more dynamic/modular, making the code base easier to work in for developers.

- Created a micro service in Go that returned only the necessary information to replace an API call that was slow to return and had excessive information. Reduced down time by 30 seconds on a call done dozens of times per developer per day.

- Implemented a UI component in Angular supporting a new underlying hardware configuration, allowing that configuration to be offered to customers.

Ennovar   **June 2017 - May 2019**
Software Contractor, at NetApp July 2018 - May 2019
- Created a tool in Python that would collect/parse logs looking for specific hardware failure signatures using regex when the support team was having difficulty diagnosing hardware failures efficiently. This reduced turnaround time for customers.

- Devised and conducted a rollback test matrix to investigate which build versions were having issues, enabling the platform team to be confident in performing rollbacks.

- Executed a kernel fuzzing software suite to test the OS and analyzed/reported any crashes.

Support Contractor, at Textron June 2017 - May 2019
- Resolved hardware and software issues that were impeding employees' work

- Educated employees about how to avoid issues going forward so they could work efficiently

- Trained six new team members about best practices and common issues, increasing the number of employees we could help per hour by 20%

EDUCATION

Bachelor of Science Computer Science, Wichita State University

TECHNICAL EXPERTISE

Skills: Python, Flask, Angular, Typescript, Javascript, C++, Git, Linux, HTML5/CSS3