

Markus Walker

Senior Software Engineer

CONTACT

📍 Greater Los Angeles Area, CA



✉ markus.walker.25@gmail.com

WORKING SKILLS

Programming - Go, Bash, Python

OS - Linux, macOS, Windows

Cloud - AWS, Azure, GCP

Kubernetes - AKS, EKS, GKE, Rancher

CI/CD - Github Actions, Jenkins

Tools - Terraform, Git, Jira

LANGUAGES

English

SOCIALS

[Website](#)

[Github](#)

[LinkedIn](#)

PROFESSIONAL SUMMARY

Proven decade of experience in product engineering, software development and QA testing. Skilled in building scalable test frameworks, automating cloud infrastructure creation and integrating CI/CD pipelines.

WORK EXPERIENCE

Senior Software QA Engineer

SUSE | Remote | Nov, 2022 - Present

- Lead architect of Github repository rancher/terraform-automation, a Golang/Terraform Github Actions framework to provision Rancher environments and validate cluster management across RKE2, K3s, AKS, EKS, and GKE.
- Primary contributor to Github repository rancher/tests, institutionalizing Github Actions workflows to test core Rancher functionality.
- Lead validation of complex Rancher issues, performing thorough testing and root cause analysis to facilitate efficient bug triage and quality improvements.
- Maintain QA documentation for automation, issue validation and test setup.

Software QA Engineer

SUSE | Remote | Apr, 2022 - Nov, 2022

- Executed testing for Rancher to validate issues and log defects.
- Developed and maintained automated test cases within the Go test framework, enhancing test coverage and reducing manual testing.
- Authored internal Confluence documentation, expanding technical knowledge and improved collaboration.

Linux Product Engineer

ESRI | Redlands, CA | Jan, 2018 - Apr, 2022

- Validated and certified supported Linux distributions for ArcGIS Enterprise.
- Lead engineer for the deployment of ArcGIS Enterprise on Kubernetes, driving scalable, reliable installation and configuration processes.
- Implemented Jenkins-based regression testing framework for ArcGIS Enterprise, improving release quality and early defect detection.
- Authored the "Monthly Linux Tip" blog series for ArcGIS Enterprise.

Support Engineer

ESRI | Redlands, CA | Jan, 2018 - Nov, 2019

- Presented troubleshooting presentations for customers at ESRI UC 2019.
- Resolved ~800 cases with high-quality customer satisfaction.

EDUCATION

B.S. Computer Science & Engineering

University of California, Merced | Merced, CA | Aug, 2012 - May, 2016