Christopher Sherman

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Work Experience

Senior System Reliability Engineer
Oct. 2023 - Present

CyberCX
Sydney, NSW

- Developed standardized CI pipelines for Python projects, improving deployment efficiency in a secure, off-internet environment.
- Led monitoring and alerting with a Python-based application, integrating InfluxDB, Elasticsearch, Grafana, and Telegraf for real-time system insights.
- Implemented and maintained secure, self-hosted CI/CD processes, enhancing system reliability and cybersecurity resilience.

Site Reliability Engineer
Feb. 2022 - Oct. 2023

Qantas
Sydney, NSW

- Optimized AWS ECS microservices for peak performance, employing Docker, Kubernetes, and conducting incident management with a 24x7 PagerDuty on-call system.
- Managed comprehensive monitoring using Splunk, Cloudwatch, Datadog, Grafana, and Prometheus; streamlined deployments with Jenkins, Ansible, and Terraform.
- Led Java Spring Boot service lifecycle on GitHub, from design to refinement, enhancing quality with SonarQube and facilitating collaboration through Slack, JIRA, and Confluence.

Software Engineer
Sept. 2020 - Feb. 2022

SICE
Sydney, NSW

- Implemented and tested software for operations control with Agile methodologies.

- Enhanced regulated project documentation for precision and compliance.
- Leveraged Python and Ansible for DevOps automation and scripting.

Information Technologist
May 2018 - March 2020

A&M Digital Initiatives
College Station, Texas

- Managed IT support and streamlined ticketing workflow; introduced automation for efficient maintenance.

Education

Texas A&M University
College Station, Texas

BS, Computer Science
May 2020

- TAMU Hackathon third place winner 2018
- Member of the Texas A&M Computer Science Society (TACS)
- Part of the Aggie Powerlifting and Speleology clubs

Skills & Interests

Cloud/DevOps	AWS, Docker, Kubernetes, Jenkins CI/CD, Ansible, Puppet, Terraform
Monitoring	Splunk, Grafana, InfluxDB, Telegraf, Prometheus, Elastic, Datadog
Tech Stack	Java, C++, Golang, Python, MySQL, Spring Boot, React, Flask
Interests	Powerlifting, Yoga, Martial Arts, Traveling, Tennis, Comedy