Lucas Sproule

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SUMMARY

Passionate DevOps engineer with a strong background in CI/CD, Terraform, Kubernetes and Cloud Computing. Skilled in Python, JavaScript, Ruby, and Bash Scripting. Excellent problem-solving, design, and collaboration abilities. Seeking a challenging role to develop cutting-edge Cloud Infrastructure.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, SQL, Ruby, Bash, Golang, C++

Cloud Vendors: AWS, GCP, Azure, IBM Cloud, DigitalOcean

Tools: Docker, Kubernetes, Terraform, Ansible, Jenkins, Git/Github Actions, Jira, Grafana, Prometheus, ELK Stack

EXPERIENCE

Site Reliability Engineer   Feb 2022 – Jan 2024
Deloitte   *Remote*
- Managed and maintained cloud infrastructure for various clients with Terraform
- Developed CI/CD pipelines in Jenkins to automate deployments to our CI/CD pipelines
- Added a DataDog layer to our AWS Lambda functions to capture data on usage and failure rates.
- Implemented Istio service mesh to monitor and secure microservices

Site Reliability Engineer   Jan 2021 – Jan 2022
Blue Apron   *Remote*
- Helped manage our Juniper network infrastructure with a Golang service to autoconfigure the ports
- Helped create On Premise Kubernetes clusters to move our Development Environment and save money
- Helped create new CI/CD pipeline to deploy our applications on the on premise clusters

PROJECTS

Cpp Package Manager   Nov 2023 – Present
C++ Project   *C++, Lua, CMake*
- Developed a package manager for C++ projects to manage dependencies
- Implemented a Lua-based configuration system for easy project setup
- Created a CMake-based build system for compiling and linking the project

Lsp Plugin   Aug 2022 – Dec 2022
Neovim   *Lua*
- Developed a plugin for Neovim to provide language server protocol support
- Createed a simple interface for users to configure the servers in a simple way
- Implemented a Lua-based configuration system for easy project setup

EDUCATION

Western Governor's University   Salt Lake City, UT
B.S. in Cloud Computing   *Dec 2020 – Sep 2024*

University of California, Berkeley   Berkeley, CA
B.S. in Electrical Engineering and Computer Science   *Aug 2015 – May 2019*

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B.S. in Electrical Engineering and Computer Science   *Aug 2015 – May 2019*

CERTIFICATIONS

- AWS Certified Solutions Architect
- AWS Certified Cloud Practitioner
- CompTIA Cloud+
- CompTIA Network+
- CompTIA Project+

- AWS Certified SysOps Administrator
- AWS Certified Developer
- CompTIA Security+
- CompTIA A+