**Cullan Carey**

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**WORK EXPERIENCE**

**Eli Lilly and Company** *Indianapolis, IN*

*Site Reliability Engineer* **Feb. 2024 – Present**

* Create software to improve system performance, scalability, and stability, and to automate manual operational work (i.e., “toil”).
* Collaborate within product team(s) to promote the concept of reliability engineering during all phases of the software lifecycle to detect and correct performance issues and meet availability goals.
* Collaborate and share information with other Service Reliability Engineers, e.g., by participating in a community of practice.

**Big Cloud Country** *Remote*

*Cloud DevOps Engineer* **Jun. 2023 – Dec. 2023**

* Develop CI/CD Deployment Pipeline for a CDK application utilizing GitHub Actions.
* Pioneered the creation of a centralized deployment model for leveraging CloudFormation StackSets, Python CDK, and GitHub Actions to streamline deployment processes.
* Architected, administered, and sustained a robust big data pipeline capable of ingesting and processing millions of data points daily, thereby ensuring optimal data quality and availability.
* Developed IaC modules for AWS infrastructure utilizing Terraform.
* Implemented sophisticated monitoring systems to fortify the integrity and resilience of AWS infrastructure, ensuring optimal performance and uptime.

**Booz Allen Hamilton** *Remote*

*Staff Cloud Engineer* **Jan. 2023 – Jun. 2023**

*Cloud Engineer* **Jan. 2022 – Jan. 2023**

* Developed and implemented security architectures and administration processes for cloud environments.
* Collaborated with clients, internal resources, and vendors to identify optimal tools and techniques, enabling secure and effective Cloud-hosted solutions.
* Develop automation solutions for the security posture of cloud environments.

**CSG Systems** *Chicago, IL*

*Technical Support Specialist II* **Apr. 2021 – Dec.2021**

*Technical Support Specialist I* **Jan. 2020 – Apr. 2021**

* Develop, monitor, and maintain the operations team’s microservices.
* Lead high-priority client defects to resolution.
* Write automation scripts to conduct daily tasks.

**EDUCATION**

**Purdue University December 2019**

*BS, Computer and Information Technology West Lafayette, IN*

**CERTIFICATIONS**

* AWS Certified Solutions Architect - Associate
* AWS Certified Security - Specialty
* AWS Certified Advanced Networking – Specialty
* HashiCorp Certified: Terraform Associate (002)

**SKILLS**

* **Skills:** Amazon Web Services, Python, AWS CDK, Terraform, Cloudformation, DevOps, GitHub Actions, Docker, Site Reliability, Cloud Security, Jira, SQL, git, Agile.