Cullan Carey

cullancarey@gmail.com ❖ cullancarey.com ❖ (219) 730-9320 ❖ Indianapolis, IN

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.