Connor Henderson | Middleborough, MA | (508) 277-9898 | connorhenderson20@gmail.com | linkedin.com/in/connor-henderson | github.com/Connohendo

SITE RELIABILITY ENGINEER | DEVOPS ENGINEER | CLOUD INFRASTRUCTURE

Mid-level Site Reliability Engineer with hands-on experience designing, deploying, and automating multi-cloud infrastructure on AWS and Azure. Skilled in Infrastructure as Code, CI/CD pipelines, and monitoring using Kubernetes, Terraform, and Prometheus. Adept at improving reliability, performance, and observability across cloud-native and containerized environments.

TECHNICAL SUMMARY

Cloud Platforms: AWS, Microsoft Azure
Infrastructure & Automation: Terraform, Kubernetes, Docker, YAML, CI/CD (GitHub Actions, Jenkins)
Languages: Python, Golang, SQL
Monitoring & Observability: Prometheus, Grafana
Databases & Search: ElasticSearch, Redshift, Azure SQL
DevOps Tools: Git, Linux, AssemblyAI APIs

PROFESSIONAL EXPERIENCE

Junior Developer – Tekletics | Dec 2023 – Present
• Migrated legacy data warehouse infrastructure to AWS S3 and Redshift using Python automation, improving data processing speed by 45%.
• Designed and deployed serverless ETL workflows using AWS Lambda and event-driven triggers for automated ingestion.
• Engineered multi-cloud compute and storage environments on Microsoft Azure, integrating ElasticSearch for AI-powered search and AssemblyAI for automated audio transcription.
• Implemented observability improvements and CI/CD workflows to reduce deployment time and enhance performance metrics.
• Collaborated with cross-functional DevOps teams to ensure high system uptime and proactive issue resolution.

DevSecOps Intern – General Dynamics Mission Systems | May 2022 – May 2023
• Maintained and hardened containerized applications for security compliance, ensuring continuous system integrity.
• Created automated CI/CD pipelines using YAML for container deployment to Kubernetes clusters with ISTIO-based routing.
• Implemented Prometheus-based alerts for Kubernetes pod failures, integrating real-time notifications into team workflows.
• Queried Prisma APIs to automate vulnerability data collection and appended findings to Markdown-based security reports.
• Participated in incident response rotations, contributing to improved uptime and system resilience.

KEY PROJECTS

Azure Function ETL Automation – Built Azure Functions with Timer Triggers and Blob Storage to orchestrate multi-warehouse data ingestion from API endpoints, implementing queue continuation for reliable daily scheduling.

AI-Powered Audio Transcription System – Integrated AssemblyAI and ElasticSearch in a Flask-based Azure Function for automated transcription and indexed retrieval of large audio datasets.

SQL Data Metrics Generator – Developed SQLAlchemy and Pandas scripts to compare daily inventory snapshots, compute handling and storage metrics, and load summarized data into Azure SQL tables.

EDUCATION

Bridgewater State University – Bachelor of Science in Computer Science