

HENRY WILFRED DANIEL

DevOps Engineer | Site Reliability Engineer (SRE)

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SUMMARY

DevOps / Site Reliability Engineer with over 4 years of experience in building, automating, deploying, and monitoring scalable cloud and containerized systems. My expertise in AWS, Docker, Kubernetes, CI/CD, and infrastructure automation has enabled me to improve system reliability and reduce deployment times in high-availability environments. I proactively resolve production issues using monitoring tools.

EXPERIENCE

DevOps Support Engineer

Apptivo Software

📅 04/2022 - 12/2024

- Managed and monitored production and staging environments ensuring high availability and reliability
- Automated deployments using Jenkins CI/CD pipelines, reducing manual effort and deployment errors
- Deployed, configured, and monitored Dockerized applications and Kubernetes clusters
- Implemented Prometheus and Grafana for infrastructure and application-level monitoring
- Configured pod-level and cluster-level alerts to proactively detect and resolve incidents
- Performed server patching, performance tuning, and capacity planning
- Worked with Elasticsearch using CURL APIs for index creation, updates, and deletion
- Provided L2/L3 production support, troubleshooting critical incidents and outages
- Installed and maintained tools such as Nagios, Jenkins, Grafana, Docker, Kubernetes, Elasticsearch
- Ensured email infrastructure reliability, including bounce, complaint, and suppression list management for multiple teams
- Supported Linux and Windows servers in production environments.
- Assisted in application deployments and file transfers via Jenkins and manual processes.
- Monitored system health using Nagios and New Relic.
- Collaborated with development teams to troubleshoot application and infrastructure issues.
- Managed Git-based workflows, including code merges and repository maintenance.

EDUCATION

MBA - Human Resource Management

Alagappa University

📅 01/2021 - 01/2023

B.E - Computer Science Engineering

NPR College of Engineering

📅 08/2014 - 05/2018

SKILLS

Aws	Azure	Git	Github
Jenkins	CI/CD	Docker	
Kubernetes	Grafana	Prometheus	
Nagios	Nginx	Ansible	Chef
Mysql	Github Actions	Terraform	

PROJECTS

PetFinder Web Application

Two-Tier Architecture web application using Docker, Jenkins, AWS, and GitHub

- Designed and deployed a two-tier containerized web application (frontend & backend)
- Implemented a Jenkins-based CI/CD pipeline for automated build and deployment
- Managed Docker images and container lifecycle
- Followed production-style DevOps workflows with version control and automation

Docker Monitoring with Prometheus & Grafana

Real-time container monitoring system using Prometheus, Grafana, and cAdvisor

- Built a real-time container monitoring system using Prometheus and cAdvisor
- Designed Grafana dashboards to visualize CPU, memory, disk, and network metrics
- Wrote optimized PromQL queries for container-level observability
- Implemented monitoring for multiple application services including frontend, backend, database, and Nginx

CERTIFICATION

Aws Devops Engineer