

Daryll Bennett

San Diego, CA • 619-786-3992 • email@daryllbennett.com • linkedin.com/in/daryllbennett

DevOps Platform Engineering Manager

An accomplished engineering manager focused on delivering results, boasting over twenty years of hands-on expertise in design, management, and maintenance of information systems. A proven leader adept at motivating teams to achieve project success. Skilled in leveraging AI and automation to streamline processes and enhance productivity. Specializing in the Linux Server platform and proficient with open-source technologies. A keen ability to diagnose complex issues and deliver effective solutions. Figuring out the problem is my why!

SKILLS

Platforms: Android, iOS, Linux, macOS, VMware, Windows Server, Xen

DevOps: Amazon Web Services (AWS), Atlassian Suite, Continuous Integration (CI/CD), Docker, Git, HTML, Shell Scripting (Bash, Perl, Python), Subversion

Configuration Management: Ansible, Jenkins, Puppet, Terraform, ZooKeeper

Administration: DNS, Firewalls, High Availability Clustering, LDAP/Active Directory, Load Balancing, Monitoring, MySQL, SSL Certificates, VPN & SSL Tunneling

WORK EXPERIENCE

Self-employed • San Diego • Remote • 04/2022 - Present

DevOps Platform Engineering Contractor

- After the acquisition of PatientSafe Solutions by Vocera Communications, and subsequently, the acquisition of Vocera Communications by Stryker within a year, I recognized an opportunity to explore new horizons. During this transitional phase, I was contracted for a year to facilitate the smooth handover from my previous role at Vocera to the incoming Stryker team. My responsibilities included providing comprehensive training sessions, creating video and written documentation, and offering troubleshooting assistance. I also rewrote old Ansible playbooks into newer style ones that utilized tags to control the processes better.
- I spearheaded the development of a robust backend infrastructure for a hosting company, streamlining the processes of node deployment. Leveraging scripting languages and Ansible automation, I engineered a system that enabled seamless addition and removal of services from Nagios monitoring software. Furthermore, I established a MySQL database to centralize node details, facilitating integration with a user-friendly web interface. I ensured the continuity of operations through detailed documentation and a thorough hand-off to front-end developers.
- I have been learning blockchain technologies and currently manage masternode and validator software to participate in the decentralized infrastructure of these systems. I automated the setup and system upgrades with Ansible. I also setup monitoring of all systems with Nagios monitoring software.

Vocera Communications • San Diego, California, United States • Hybrid • 05/2021 – 03/2022

Sr Manager of DevOps Platform Engineering

- Utilizing the Ansible automation platform with Jenkins for easy job runs, I created processes to automate the deployment, upgrades and configuration of semi custom servers and clusters. These tools resulted in reduced downtime and standardized configurations across servers.
- Managed AWS setup, including Virtual Private Clouds, EC2 virtual servers, Citrix ADC Load Balancers, Transit Gateways, Route 53 DNS multi-zone configurations, and RDS, enhancing scalability and reliability.
- My team and I implemented SCM build automation scripts within a multi-server Jenkins environment, facilitating continuous integration for various platforms, Apple macOS & iOS, Android, Linux, and Windows, resulting in improved development efficiency.
- My team and I maintained a virtual infrastructure on RedHat/CentOS and Oracle Linux servers, including packaging RPMs and other installers, creating VMware OVA & AWS AMI images, and managing upgrades/patches, ensuring system integrity and security.
- We provided DevOps support to internal departments by setting up and maintaining build servers, development and QA test servers, DNS, package repositories, SVN/Git, AD, and other supporting services, optimizing workflow efficiency and collaboration.

PatientSafe Solutions • San Diego Area • Hybrid • 12/2012 – 05/2021

Director Of DevOps Platform Engineering

- I started as a contractor and worked my way up through senior platform engineer, then to DevOps Manager and Director before being acquired by Vocera Communications.
- I spearheaded the development and upkeep of scripts for continuous integration within a multi-server Jenkins environment, facilitating the seamless building of packages for Apple macOS & iOS, Android, Linux, and Windows platforms.
- I pioneered the implementation of fully automated deployments via Ansible, orchestrating the setup from inception. Proactively manage and enhance scripts for Puppet configuration management servers to ensure streamlined operations.
- My team and I oversaw the upkeep of the virtual infrastructure supporting our product. This routine encompassed the maintenance and creation of RedHat & CentOS Linux servers, packaging RPMs and other installers, crafting VMware OVA files, configuring firewalls, executing upgrades and patches, and proficiently managing associated scripts.
- We provided comprehensive assistance to internal departments, including developers, SQA, tech ops, and tech support in establishing and sustaining essential infrastructure components. These tasks involved setting up and managing build servers, development and QA test environments, DNS configurations, package repositories, and auxiliary services.

Everyone Counts, Inc. • San Diego • 06/2011 – 11/2012

Senior Platform Engineer

- I managed the design, setup, and maintenance of production server environments across global data centers. I spearheaded enhancements to Linux clustering, load balancing, firewalls, backup systems, and system automation, resulting in optimized operations. With a team of two, we deployed over 200 servers within the past year, facilitating numerous elections across various countries.
- Everyone Counts focused on electronic voting solutions via online and mobile polling stations. We notably orchestrated the hosting of online voting for the U.S. 2012 General Elections for disabled and UOCAVA voters, as well as the Academy Awards (Oscars) 2013.