



DevOps Cloud Infrastructure Engineer

San Diego, United States

About Dexcom:

Dexcom, Inc. empowers people to take control of diabetes through innovative **continuous glucose monitoring (CGM)** systems. Headquartered in San Diego, California, Dexcom has emerged as a leader of diabetes care technology. By listening to the needs of users, caregivers, and providers, Dexcom simplifies and improves diabetes management around the world.

Summary:

Dexcom is looking for an experienced, dynamic DevOps Cloud Infrastructure Engineer to help design and maintain Dexcom's cloud environments. This includes operation of VPN, WAN, and load balancing technologies in the cloud.

Functional Description:

Design and implement build, deployment, and configuration management. Test implemented designs. Build and test automation tools for cloud infrastructure provisioning. Handle code deployments in all environments and promoting code. Monitor metrics and develop ways to improve. Build, maintain, and monitor configuration standards. Maintain day-to-day management and administration of projects. Manage Continuous Integration and Continuous Development tools with team. Research industry standards and best practices with a focus on security, stability, testability, scalability, simplicity, and maintainability and propose opportunities for improvement when applicable.

Essential Duties and Responsibilities:

- Responsible for designing, creating, and maintaining Dexcom's cloud (production and non-production) environments with an emphasis on networking services for cloud operations
- Responsible for working with the Engineering team to establish standards and design, automate and maintain environments for Dexcom 's software products
- Improve system monitoring and alerting to improve incident time to resolution while decreasing false positives
- Improve systems logging and benchmarking to fine tune application infrastructure and gain better insight into system issues and performance
- Work to decrease hosting costs by using proactive and responsive auto-scaling algorithms and changes to technology solutions.
- Update systems to support new development and technology initiatives
- Incorporate new automation technology improvements
- Participate in 24/7 on-call support rotation to respond to incidents and/or requests for network performance as a level 2 engineer
- Ability to communicate clearly with all internal and external stakeholders
- Self-starter and experience in working with highly dynamic environment

Required Qualifications:

- At least 10 years' experience working on designing, creating, and maintaining application infrastructure.
- Strong networking fundamentals and experience building and maintaining networks in the cloud for scalability, security, and expandability
- Strong understanding of network troubleshooting tools and networking protocols BGP, VPN, SSL/TLS, HTTPS, IP4 subnetting/routing tables and networking appliances ported to the cloud firewalls, load balancers, WAF.
- Ability to think of infrastructure as code and strong experience in creating and maintaining the infrastructure using tools like Terraform and Ansible and scripting tools like Go/Python/Bash/Powershell
- Experience with modern source control systems, Git preferred
- Experience with Linux and Windows administration
- Comfortable working with cloud environments like Google Cloud , AWS, and Azure (Google Cloud preferred)
- Strong understanding of pipeline orchestration technologies like Jenkins, Atlassian Bamboo and Harness
- Familiarity with JIRA and other Atlassian suite of products
- Passion and ability to script manual steps in a process that span multiple environments
- Ability to think out of the box to complex and unique internal and customer facing issues

Preferred Qualifications:

- Working in a medical device industry with a FDA controlled environment
- Google cloud certifications like Professional Cloud Architect, Cloud Network Engineer and Cloud Security Engineer

Experience and Education Requirements:

- Typically requires a Bachelor's degree in a technical discipline, and a minimum of 8-12 years related experience or Master's degree and 5-7 years equivalent industry experience or a PhD and 2-4 years of experience.

An Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, or protected veteran status and will not be discriminated against on the basis of disability.

If you are an individual with a disability and would like to request a reasonable accommodation as part of the employment selection process, please contact Talent Acquisition at talentacquisition@dexcom.com.

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