AppOrbit

Job Description

Title: Senior Member of Technical Staff: Windows

Location: San Jose, California

Overview

In today's hyper competitive market, enterprise IT is being constantly challenged to iterate rapidly to deliver real business innovation while keeping costs under control. Their application landscape includes traditional (monolithic) applications such as Oracle, Siebel and Peoplesoft and modern cloud-native applications that leverage clouds, containers and microservices. In addition, CIOs are wary of vendor lock-in and do not want their applications to be trapped in a particular cloud provider.

At appOrbit, we have embarked on a path to change this paradigm by building an application platform to manage the development, testing, delivery and management of all enterprise applications, including the legacy systems as described above. Our vision is to make it possible for enterprises to deploy and manage end to end lifecycle of any application (legacy, cloud native, windows, linux) on any infrastructure (virtual machines, containers, bare-metal) across any cloud (public, private, hybrid).

In this journey, our technology is already being leveraged by several customers including Ericsson, Prospect Medical and Airtel and, we have a strong go to market with partners like Capgemini, Infosys among others.

Our cloud-native technology stack is comprised of container-based microservices that are integrated with kubernetes and docker on top of our software defined storage and networking platform.

We are looking for a **Member of Technical Staff** for independently designing, developing, creating, architecting, and modifying our cloud-native software stack for diverse environments including AWS, GCP, Azure and VMware, and acting as a source of knowledge for other members of the team. Working with a small group of talented engineers, this individual will work on the underlying components of appOrbit's distributed and clustered application-management platform. You will be architecting and developing cutting edge container and container orchestration solutions on the Windows platform. You will work closely with the open source communities and will have the opportunity to define and drive the still nascent technology around Windows containers

Responsibilities:

- Build distributed system to handle complex and large applications and efficiently orchestrate application lifecycle operations
- Design, develop and deploy new features and architectural enhancements in core components of appOrbit's cloud-native technology stack
- Build container and container orchestration solutions (example: docker, kubernetes) based on Windows.
- Develop Windows kernel drivers
- Debug and fix complex architectural and operational problems in distributed systems

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- Leverage software engineering best practices to write elegant, high quality and maintainable code
- Work on scalability, resilience and performance improvements
- Be an advocate for technological and process improvements wherever possible
- Independently participate and support all phases of the software development life-cycle which includes analysis, design, development, testing and deployment

Minimum Requirements:

- Proficiency in at least one high-level programming language such as Golang, C++, etc.
- Excellent Windows programming and debugging skills
- Familiarity with Windows performance analysis, code profiling and optimization
- 3+ years of software/devops experience in designing and implementing reliable distributed systems
- Experience with containerization/orchestration technologies such as Docker and Kubernetes
- Passionate about clean design and code quality
- Curiosity to dig in and debug complex problems
- Self motivated and eager to have fun working in an exciting start-up environment!

Highly Desirable (one or more of the following)

- Familiarity with cloud computing concepts including virtualization, REST API's, elastic infrastructure, distributed data storage, and multi-tenancy
- Building complex application workflows in cloud environment
- Understanding of DevOps CI/CD processes, exposure to Jenkins as well as testing frameworks
- Experience with public cloud platforms: Amazon Web Services, Google Cloud Platform, Microsoft Azure
- Exposure to virtual networking including networking solutions in Docker and Kubernetes, OVN
- Experience with distributed file systems or software defined storage

Benefits:

- Fun, creative and fast-paced working environment
- Terrific medical and accident insurance plans
- Pantry stocked with snacks and beverages
- Flexible time-off with generous paid holidays