Sradhanand Pati

Software Engineer

patishradhanand@hotmail.com

7978614612

Pune, India

linkedin.com/in/sradhanand-pati-696a0aba

A result-oriented professional with 5+ years of working experience in Software Development in developing native K8s apps using Golang, Docker and Kubernetes as well as developing APIs for Cloud Storage provisioning with Python, SaltStack.

WORK EXPERIENCE

Software Engineer
Veritas Technologies

08/2021 - Present

Achievements/Tasks

- Worked on developing K8s Operator for Disaster Recovery Migration and Takeover in case of multi clustered environment using Velero library and Golang.
- Expertise in developing and maintaining custom Kubernetes CSI drivers that met performance, reliability and scalability requirements.
- Worked on enhancing product securtiy by implementing security measures, conducting vulnerability assessments and fortifying code and infrastructure.
- Successfully managed the renewal and rotation of digital certificates, ensuring seamless and secure operations of critical operations.

Development Engineer
Calsoft Technologies

06/2018 - 08/2021

Achievements/Tasks

- Developed API for provisioning a multi-node high available cluster with multiple components for developing a Private cloud solution using Python and SaltStack.
- Python API for Failover-fallback and On field Node replacement mechanism.
- Developed API for network configuration of system, software updates of the components & hardware controller firmware update as well as health check and a multi-threaded application for support bundle generation.
- Developed wrapper Python api for S3 Storage management using boto3 and ASCLI also for various other backend features like disk management, system health management, setting storage policy and CRU FRU functionality using CLI and REST API.

EDUCATION

Bachelor in Technology in CSE with 8.8 CGPA
(08/2014 - 05/2018)

Institute of Technical Education and Research, Bhubaneswar

SKILLS

Go · Python · Linux · Shell · Bash · Kubernetes · Microservices · Docker · S3 · SaltStack · Object Oriented Programming · Object Oriented Design · Openshift · Data Structures · Algorithms · Object Storage · Cluster Provisioning · Azure · AWS · EKS · AKS

PERSONAL PROJECTS

Quora Question pair similarity (10/2018 - 12/2018)

- Advanced Feature extraction using NLP and analyses and Data visualization using T-SNE.
- Applied Logistic Regression and Linear-SVM with TF-IDF weighted Word2Vec to check for accuracy of model..Hyperparameter tuning in XgBoost using Random Search to reduce the log loss.

LANGUAGES

Language	Proficiency
Golang	● ● ● ● ○
Python	● ● ● ● ○
Java	● ● ● ○ ○
Shell/bash Scripting	● ● ● ○ ○

INTERESTS

Running · Trekking · Badminton