



## Chenxun

### Skill

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5 years experience with application operation and maintenance

Familiar with using Ali cloud, Tencent cloud and other public cloud platforms

Familiar with the use of kubernetes (docker) and its components, with large-scale cluster operations and maintenance experience

Familiar with Linux system, familiar with the configuration and tuning of mainstream open source software, skilled in using Python, shell and other languages

Responsible to work with high business driving ability and responsibility, willing to accept all kinds of challenges in the work, as well as good troubleshooting ability, cross-departmental communication and collaboration ability.

The ability to communicate and collaborate across departments, and the ability to learn new technologies and trends in the field at all times..

### Experience

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#### Cloud Grain Smart Technology Co.-Senior Engineer

May 2020 - Present

Operations and Maintenance Application Product and Delivery BU

Main Responsibilities.

Responsible for the O&M architecture design and optimization of large-scale, highly available clusters for smart city BU business, including capacity planning, process optimization, quality operation, etc.

Responsible for k8s-based cloud-native product delivery, researching cloud-native technologies and applying them in the products

Work with product team to implement product microservices and cloud-native transformation

Responsible for the construction of prometheus-based monitoring system

Responsible for project architecture design and product delivery based on public cloud platform

Key performance.

Provide full-link CI/CD using cloud-effect technology, and form operational closure loop for regular operation and maintenance delivery

Using ansible and kubeadm to complete the rapid delivery of K8S platform

Completed the adaptation of privatized products based on Ali cloud platform middleware, container cloud platform and XC environment

#### New Media Studio Business-Partner

April 2019 - April 2020

Secondary development and O&M of protocol SDK deployed in AliCloud platform.

Cloud platform middleware operation and maintenance.



Commercial pre-sales promotion.

Wuhan Beacon Zongzhi Digital Technology Co.-Delivery Engineer Product Output Line 07, 2017 - 04, 2019

Main Responsibilities.

Responsible for software deployment in the project, including big data platform, Kubernetes container platform, base platform, able to automate deployment with python

Responsible for the operation and maintenance of common application middleware (nginx, mysql, minio) in the project.

Responsible for system bottleneck location and performance optimization

Key Performance.

Completed the containerization transformation of the original monolithic application

Optimized the deployment scheme using ansible to improve the deployment efficiency

## **PROJECT EXPERIENCE**

**China Unicom County Smart City PAAS Platform-Operations and Maintenance Manager Jul 2020 - Mar 2022**

Based on Unicom Cloud, Ali Cloud and other cloud-based products, complete the transformation of application on cloud and containerization of microservices

Based on business characteristics, optimize etcd, kubelet and other business components, design project HA architecture, optimize core clusters and edge clusters around

Complete business monitoring and performance analysis based on promethes and skywalking

Responsible for the troubleshooting and review of all business systems with R&D team, from network to OS, file system to application and DB, etc.

Improve product stability

**Wuhan GA shared application platform-Operations and Maintenance Manager Aug. 2017 - Apr. 2019**

Container cloud PASS platform building and management.

Big data platform building, familiar with Hadoop, Spark, Hbase, Kafka, Hive, ES, etc., and understand multi-dimensional data access, storage, computation and analysis process



Deployment of software on cloud platform, including container application, MySQL, Oracle database, etc., able to use ansible to automate deployment

Cloud platform, container platform and big data platform operation and maintenance.

### **Wuhan Textile University**

**Communication Engineering Bachelor's Degree School of Electronic and Electrical Engineering**

**Sep 2013 - Jun 2017**

Language: English (CET-6)

Skills: Excel (proficient), PowerPoint (proficient in design/production), SQL (familiar), kubernetes (very familiar)

Certifications/Licenses: AliCloud Proprietary Cloud Certification L3

Interests: Blockchain