# Artorius Z. Y. Wang

Senior Site Reliability Engineer / Platform Engineer

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## Professional Summary

Senior Site Reliability Engineer with 8+ years of experience in cloud-native platforms, multi-cloud infrastructure, and enterprise DevOps practices. Strong background in Kubernetes-based platform engineering, GitOps, CI/CD automation, and observability systems. Extensive experience supporting financial-industry workloads with a strong focus on stability, security, and compliance. Certified Kubernetes Administrator (CKA) and Certified Kubernetes Security Specialist (CKS).

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## Core Competencies

- Kubernetes Platform Engineering (Production-scale)
- Site Reliability Engineering (SRE)
- Multi-Cloud Infrastructure (AWS, GCP, Alibaba Cloud)
- CI/CD & GitOps (Jenkins, Argo CD)
- Infrastructure as Code (Terraform, Ansible)
- Observability & Monitoring (OpenTelemetry, Prometheus, Grafana, Tempo, Jaeger)
- Incident Management & Troubleshooting
- Automation & Tooling (Java, Shell, Python)
- Security Hardening & Compliance Awareness

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## Certifications

- [Certified Kubernetes Administrator (CKA)](#)
- [Certified Kubernetes Security Specialist (CKS)](#)

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# Professional Experience

## Chinasoft International - HSBC Business Line

### Site Reliability Engineer / DevOps Engineer
*April 2022 - Present*

- Support and operate a large-scale enterprise Kubernetes platform serving banking and financial workloads.
- Responsible for daily operations of Alibaba Cloud environments, including system upgrades, security patching, and cost optimization.
- Maintain and enhance shared Jenkins Pipeline Libraries to standardize CI/CD practices across multiple teams.
- Design, implement, and maintain observability solutions using Prometheus, Grafana, OpenTelemetry, Tempo, and Jaeger.
- Conduct proof-of-concept (POC) evaluations for new platform and monitoring technologies.
- Develop automation tools using Jenkins, Java, and Shell to reduce operational toil and improve reliability.
- Integrate Jenkins with enterprise tools such as Ansible Tower and internal governance platforms.
- Provide incident troubleshooting and root cause analysis (RCA) support for platform users.

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## Shaanxi Hongyao Electronic Equipment Co., Ltd.

### System Engineer / Senior Developer
*July 2020 - February 2022*

- Led technical architecture selection and production environment setup for a microservices-based IoT platform.
- Spearheaded containerization and modernization of legacy services using Spring Cloud and Docker.
- Developed core business features supporting vehicle tracking, telemetry processing, and automated reporting.
- Performed performance analysis, optimization, and large-scale code refactoring.
- Designed and implemented CI/CD pipelines for development, testing, and production environments.

- Built service health monitoring and alerting mechanisms to improve system reliability.
- Authored API and technical documentation using VuePress.
- Conducted regular code reviews and internal technical knowledge sharing.

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## Chinasoft International – Huawei Business Line

### Senior Software Engineer / DevOps Engineer
*August 2018 – May 2020*

- Participated in the development of digital site platforms for telecom operators.
- Developed core modules for site asset and data management systems.
- Led microservice CI pipeline construction and application security hardening.
- Managed data migration and backup for overseas environments, including Namibia and South Africa.
- Optimized Excel import/export performance and improved data security controls.

### Achievements:

- Rated A-level performance in Q2 and Q3 of 2019; B+ overall for the year.
- Received multiple commendation letters from Huawei.

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# Selected Project Experience

## Platform of Platforms (HSBC Account)

*April 2022 – Present*

**Tech Stack:** Kubernetes, GitOps, AWS, GCP, Alibaba Cloud, Jenkins, Ansible, Terraform, Argo CD, OpenTelemetry, Prometheus, Grafana

- Built and operated a hybrid multi-cloud platform providing CI/CD, security scanning, monitoring, tracing, and log aggregation for stateless APIs.
- Implemented standardized GitOps workflows to improve deployment consistency and auditability.
- Designed observability architecture to support proactive monitoring and incident detection.

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## Smart IoT Platform for Open-pit Mines

*November 2019 - February 2022*

**Tech Stack:** Spring Cloud, Spring Boot, MySQL, Redis, Vue, JT/T 808

- Delivered a full-stack IoT platform integrating GPS protocols for vehicle positioning, driving history analysis, and automated measurement.
- Improved system stability through performance tuning and architectural refactoring.

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# Education

**Jilin Agricultural Science and Technology University**
Full-time Undergraduate
*September 2010 - July 2014*

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# Professional Attributes

- Strong sense of ownership and execution capability
- Calm, reliable, and resilient under pressure
- Continuous learner with strong adaptability to new technologies
- Committed to clean, maintainable, and secure code