

Curriculum Vitae

Personal Information

Name: Artorius Z Y WANG

Work Experience: 8 years

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Certifications

- Certified Kubernetes Administrator (CKA)
- Certified Kubernetes Security Specialist (CKS)

Work Experience

Chinasoft International – HSBC Business line – GOA

Site Reliability Engineer (SRE) (April 2022 – Present)

- Responsible for cloud platform maintenance, monitoring, CI/CD, and development of various automation tools.

Shaanxi Hongyao Electronic Equipment Co., Ltd.

System Engineer (July 2020 – February 2022)

- Core feature development, performance analysis and optimization, environment upgrades, CI/CD, etc.

Chinasoft International – Huawei Business line

Senior Software Engineer (August 2018 – May 2020)

- In charge of core feature development, system integration, and optimization.

QuanBI Network Technology Co., Ltd.

Backend Developer (July 2016 – June 2018)

- Responsible for core feature development, requirement analysis, and documentation writing.

Project Experience

Platform of Platforms (Chinasoft International, April 2022 – Present)

Tech Stack: Kubernetes, GitOps, GCP, AWS, AliCloud, Jenkins, Ansible, Terraform, ArgoCD, OpenTelemetry, Prometheus, Grafana, AppDynamics

Project Overview:

A hybrid cloud platform across multiple cloud providers, offering CI/CD, security scanning, performance monitoring, tracing, log aggregation, and vulnerability patching for Stateless APIs.

Responsibilities:

- Daily maintenance of the AliCloud environment including upgrades, security patches, and cost optimization.
- Maintenance of Jenkins pipeline libraries.
- POC and configuration of tools like Opensearch, Prometheus, Grafana, OpenTelemetry, Jaeger, Tempo.
- Development of various automation tools using Jenkins, Java, Shell.
- Integration with various toolchains.
- Troubleshooting user issues on the cloud platform.

Smart IoT for Open-pit Mines (Shaanxi Hongyao Electronic Equipment Co., Ltd., November 2019 – February 2022)

Tech Stack: SpringCloud, SpringBoot, MySQL, Redis, Vue, JT/T808-2011

Project Overview:

A platform integrating the JT/T-808 GPS protocol to monitor vehicle positioning and altitude, driving history, automated loading measurement, reporting, and equipment/personnel management in open-pit mines.

Responsibilities:

- Led technology selection and production environment setup.
- Spearheaded microservice containerization and upgrades.
- Developed core business features.
- Led performance optimization and code refactoring.
- Implemented CI/CD for all environments.
- Built microservice health monitoring and alert systems.
- Created API documentation using VuePress.
- Conducted regular code reviews and technical sharing.

Digital Site (Chinasoft International, August 2018 – May 2020)

Tech Stack: Kubernetes, Docker, SpringBoot, MySQL, MongoDB, Redis, Vue, Android

Project Overview:

Developed digital site solutions for telecom operators to reduce OPEX and enhance site asset management, including data collection, reuse, and visualization.

Responsibilities:

- Developed core features for site information management.
- Implemented key data management functionalities.
- Led microservice CI pipeline and security hardening.
- Led data migration and backup for Namibia and South Africa environments.
- Optimized Excel import/export performance and security.

Achievements:

- Rated A-level performance in Q2 and Q3 of 2019, B+ for the year.
- Multiple commendation letters from Huawei.

Sunshine Agricultural Operations Management Platform (QuanBI Network Technology Co., Ltd., July 2016 – June 2018)

Tech Stack: SpringMVC, MySQL, Tomcat, JavaScript, HTML5

Project Overview:

A platform for visualizing and automating operations such as inventory, sales, and personnel management in agriculture, aiding in decision-making and efficient resource use.

Responsibilities:

- Learned and followed development standards and business workflows.
- Developed modules such as raw material and personnel management.
- Authored API documentation.

Self-Evaluation

- Quick learner, adaptable to new environments and technologies.
- Strong executor, self-driven with clear planning and implementation.
- Highly responsible, calm, optimistic, and growth-oriented.
- Time-efficient, ensures timely task completion.
- Strives for clean, elegant, and readable code.
- Passionate about programming and deeply interested in IT.

Education Background

September 2010 – July 2014

Jilin Agricultural Science and Technology University