He Bao Jing | SRE | 8 years' experience | Suzhou | baojingh@163.com | +86 18260140861

Education

- ◆ 2013.09 - 2016.07   Shanghai Institute of Technology   Electronics Engineering   Master
- ◆ 2009.09 - 2013.07   Changshu Institute of Technology   Electronics & Information Engineering   Bachelor

Skills

- ◆ Can communicate well with colleagues in English, have been collaborating with German team latest 2 years.
- ◆ Familiar with Linux, Shell, Docker, Kubernetes, Ali Cloud, Prometheus, Gitlab CI/CD and Pipeline optimization.
- ◆ Familiar with Project Tracking software, such Jira. 7*24 on call is acceptable. Own 4 years' experience in SRE.
- ◆ Familiar with cybersecurity terms, concept and vulnerability analysis, management.
- ◆ Familiar with SCA, SAST, such as OSS Clean, BlackDuck, VTS, SonarQube, Gitleaks, Trivy, MEND, etc.
- ◆ Familiar with Golang, Python, Ansible, Shell. Develop tools, such as Automation Test, Automation Deployment, etc.
- ◆ Familiar with Java, SpringBoot, Mybatis, MySQl, Redis etc., own 4 years' experience in OOP.

Career and Key Projects

Jan. 2021 to Sep. 2024   **Suzhou Branch, Siemens (China) Co., Ltd.**   **Lead Engineer**

Siemens Industrial AI Predictive Analysis Software (v2.0), add more features based on v1.0, including device management, model management, enhanced data processing and enhanced Web UI. Mainly focuses on system scalability and stability. The service is deployed with Kubernetes in Ali Cloud.

Contributions:

- ◆ Design architect and implement Web backend with SpringBoot, Mybatis, MySQL, Redis, etc.
- ◆ Configure Gitlab CI/CD, optimize pipeline. Integrate with SAST to harden product security.
- ◆ Containerize applications and optimization of Docker images. Deploy with Kubernetes, Argo CD in Ali Cloud.
- ◆ Configure Prometheus to monitor the service.
- ◆ Maintain the service and ensure its availability and stability. Analyze and troubleshoot issues for users.

Siemens SINEC Security Guard (https://ssg.siemens.cloud) detects and visualizes network attacks and supports to define mitigation actions. System is designed based on multi-tenant and provides SAAS services in the cloud. Chinese team focus on design and development of sensor side and integrate sensor application with Siemens Industry Edge.

Contributions:

- ◆ Application containerization with Docker, configure CI/CD pipeline, develop automatic test cases with Python.
- ◆ Integrate SCA, SAST in Pipeline, analyze and fix security issues, manage vulnerabilities.
- ◆ Test features and performance in Kubernetes environment in Ali Cloud.
- ◆ Maintain the service and ensure its availability and stability. Analyze and troubleshoot issues for users.

Jun. 2019 to Jan. 2021   **Suzhou Yunxuetang Information Technology Co., Ltd.**   **Software Engineer**

The product provides business learning, training for enterprises, including user modules, learning modules, content modules, etc.

Contributions: Develop Web backend modules with Python.

Apr. 2019 to Jun. 2019   **Suzhou Raiyi Information Technology Co., Ltd.**   **Software Engineer**

For game promotion, user behavior data is collected from various websites and make precise promotions for potential users.

Contributions: Develop Web backend modules with Python.

Jul. 2016 to Apr. 2019   **Suzhou Branch, Siemens (China) Co., Ltd.**   **Associate Engineer**

Siemens Industrial AI Predictive Analysis Software (v1.0), combined with Machine Learning model, the system predicts potential failure risks for factory motors in advance. It includes data processing, Machine Learning models, web UI, etc.

Contributions:

- ◆ Design and implement Web backend with SpringBoot, Mybatis, MySQL.
- ◆ Configure Gitlab CI/CD, containerize applications with Docker.
- ◆ Maintain the service, troubleshoot and fix issues for users.

Server System Administration. Manage 10 servers, including virtualization nodes and application servers with Ansible, Shell.

Contributions: Permission management, component security hardening, application configuration, backup and restoration, etc.