**He Bao Jing | DevOps Engineer** | Male | 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 Java, SpringBoot, Mybatis, MySQl, Redis etc., own 4 years’ experience in OOP.
* Familiar with Linux, Shell, Docker, Gitlab CI/CD, Pipeline optimization.
* 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 Python, Golang, Ansible and develop tools, such as Automation Test, Reproducible Build.

**Career and Key Projects** —————————————————————————

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

**Siemens SINEC Security Guard (https://ssg.siemens.cloud)** manages cybersecurity of assets in the cloud; It comes with preconfigured intrusion detection to detect and visualize network attacks and supports to define mitigation actions. System is designed based on multi-tenant and provides SAAS services in the cloud. German team focus on design and development of service side; Chinese team focus on design and development of sensor side and integrate sensor application with Siemens Industry Edge.

Contributions:

* Application containerization with Docker and integrations with Siemens Industry Edge Platform
* Configure and optimize Gitlab CI/CD, reduce pipeline time by about **30%**, reduce artifacts size by about **20%**.
* Integrate SCA, SAST in Pipeline and fix security issues in product. Vulnerability fix rate reaches **80%**.
* Develop/optimize automatic test cases with Python, reduce test time **from 6h to 3h** now.
* Release product, such as OSS Clean, Reproducible Build etc. Develop **automation tools** to promote efficiency.

**Siemens Industrial AI Predictive Analysis Software (v2.0)**, have 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.

Contributions:

* Containerize applications and optimization of Docker images.
* 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.
* Develop automatic tools with Shell and optimize deployment process.
* Maintain the service and analyze, 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.