He Bao Jing | DevOps Engineer | Suzhou | baojingh@163.com | +86 18260140861

University

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

Working Experience and Key Projects

- ◆ Familiar with Linux, Shell, Ansible, etc.
- ◆ Familiar with Docker/k8s and application deployment
- ◆ Familiar with Gitlab CI/CD, Pipeline optimization
- ◆ Familiar with Golang, develop tools to improve efficiency
- ◆ Familiar with Java, Python, MySQL, etc.

Working Experience and Key Projects

Jan. 2021 to Present, Jul. 2016 to Apr. 2019   Siemens (China) Co., Ltd.   Lead Engineer

Siemens SINEC Security Guard manages Cybersecurity of your OT assets in the cloud, always up to date, integrated in one vulnerability management and attack detection workflow. Full risk transparency for OT as you know it from IT. SINEC Security Guard comes with optional preconfigured intrusion detection to detect and visualize network attacks. Like malware attacks, DDoS attacks, or similar and supports you to define mitigation actions.

detects network traffic in the LAN, generate corresponding alarm events according to the rules, notify customers, and alarm. The server receives data and does it, the sensor collects network traffic data and generates alarm events, and sends them to the server. Different users can choose the local version and SAAS version according to their needs.

Contributions:

- ◆ Lead containerization and integrate with Industry Edge platform, optimize system log processing.
- ◆ Configure and optimize Gitlab CI/CD, reduce Pipeline execution time by about 30%; reduce volume by about 20%.
- ◆ Develop/optimize automated test cases, shorten test time from 6h to 3h now.
- ◆ Responsible for Pipeline and product security issues. Component vulnerability handling rate reaches 90%.
- ◆ Responsible for OSS Clean, Reproducible Build, etc., develop automation tools with Golang to improve efficiency.

Siemens Industrial AI Predictive Analysis Software, Components of intelligent manufacturing. Including data collection and processing, feature engineering, model anomaly detection and trend prediction, web visualization, etc. Collect real-time sensor data and do preprocessing, feature engineering, etc. Input feature data into the model to calculate and predict the health status of the equipment.

Contributions:

- ◆ Leading application containerization
- ◆ Web system design and development, optimizing API
- ◆ Configuration and management of CI/CD
- ◆ System deployment and optimization
- ◆ CI/CD system security reinforcement

Management for Servers and Clusters. Team has a total of 24 physical servers, including multiple virtualization nodes and physical machines.

Contributions:

- ◆ Deploy and maintain Ovirt virtualization cluster, with a total of 5 nodes
- ◆ Ansible configuration and deployment environment
- ◆ Component upgrade and security policy reinforcement

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

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

Contributions: Develop backend modules for the Website with Python; Compute business metrics with Spark.

Apr. 2019 to Jun. 2019   Suzhou Raiyi Information Technology Co., Ltd.   Big Data Engineer

User behavior is collected from various websites. System analyze data and make precise promotions.

Contributions: Data ETL with Hive; Analyze potential users based on some critical factors.