**应聘职位**

网络安全工程师

**基本信息**

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| 姓名 | 何保敬 |
| 性别 | 男 |
| 出生年月 | 34 |
| 居住所在地 | 苏州新区 |
| 婚姻状况 | 已婚 |
| 最高学历 | 硕士 |
| 语言能力 | 英语可以作为工作语言 |
| 联系方式 | 18260140861 |
| 邮箱地址 | baojingh@163.com |

**候选人概况**

1.候选人2016年硕士毕业于上海应用技术大学机械电子工程专业，具有专业的电子软件开发知识技能

2.深耕软件开发领域5年，具有丰富的java后端开发经验

3.熟悉网络安全术语与实践，有网络安全开发的相关经验

4.英语口语流利，可以作为工作语言使用

**专业技能**

1.英语听说读写熟练，与国外无障碍沟通，最近 2 年一直与国外团队协同研发

2.熟悉 Java, SpringBoot, Mybatis, MySQL 等，4 年 OOP 开发经验

3.熟悉 Linux, Docker, Web 容器化与优化，熟悉 Gitlab CI/CD 及 Pipeline 优化

4.熟悉网络安全术语与实践，熟悉产品组件漏洞管理分析与处理

5.熟悉 SCA,SAST 等，例如 OSS Clean, BlackDuck, VTS, SonarQube, Gitleaks, Trivy, MEND 等

6.熟悉 Python, Golang 等，开发自动化工具提升效率，例如 Automation Test, Reproducible Build

**工作经历**

**2021.01-2024.09 西门子（中国）有限公司**

**职位：高级软件工程师**

**工作描述：**

**一、西门子网络安全卫士(**[**https://ssg.siemens.cloud**](https://ssg.siemens.cloud)**)**。针对工厂 OT 资产进行安全漏洞扫描管理；针对工厂网络流量进行入侵检测与可视化，生成报警信息及处理措施。系统基于多租户设计，提供 SAAS 服务。国外团队主要负责服务端设计与研发；中国团队负责传感器端的设计与研发，基于西门子工业边缘设备（Industry Edge）集成。

**主要贡献：**

1.基于 Docker，负责传感器应用程序的容器化工作，并与西门子边缘设备集成

2.配置并优化 Gitlab CI/CD，Pipeline 执行时间减小约 30%，制品体积减小约 20%

3.负责 Pipeline 安全与产品安全，集成 SCA, SAST 工具等，组件漏洞处理率约 80%

4.基于 Python 开发/优化自动化测试用例，测试执行时间由原来 6h 缩短到现在 3h

5.负责产品 OSS Clean, Reproducible Build 等，基于 Golang 开发自动化工具提升效率

**二、西门子工业 AI 预测性分析软件**。针对工厂 OT 资产，结合人工智能，实现对设备的全方位监控，提前预测预警潜在故障风险。软件功能包括数据采集与处理，特征工程，模型异常检测与趋势预测，web 可视化等。本软件实时采集传感器数据并做预处理及特征工程等，将特征数据输入给模型，计算设备状态并预测潜在故障风险。

**主要贡献：**

1.负责应用程序的容器化工作，优化 Docker 镜像

2.负责 Web 系统后端设计与开发，注重代码安全规范。技术包括 Spring, Mybatis, MySQL 等

3.配置并优化 Gitlab CI/CD，优化 Pipeline 执行时间与制品体积，集成 SAST 工具，加固产品安全等

4.基于 Shell 开发自动化部署工具，优化软件部署流程

5.负责服务的运维工作，对接并帮助用户排查解决问题

**三、服务器系统管理**。基于 Ansible, Shell 等管理团队10台应用服务器与虚拟化服务器。

**主要贡献：**系统权限管理，组件安全加固，应用配置，备份恢复。

**离职原因：**整个部门解散，跟公司协商一致离开

**2019.06-2021.01 苏州云学堂信息技术有限公司**

**职位：软件工程师**

**工作描述：**绚星企业学习平台，为企业提供业务学习与培训平台，功能包括用户活跃模块，学习模块，内容模块等。

**主要贡献**：基于 Python 开发 Web 后端部分模块等。

**2016.07-2019.04 西门子（中国）有限公司**

**职位：软件工程师**

**教育经历**

2013.09-2016.07 上海应用技术大学 机械电子工程 硕士

2009.09-2013.07 常熟理工学院 电子信息工程 本科

**Applied Position**

Cyber Security Engineer

**Basic Information**

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| --- | --- |
| Candidate’s name | Baojing He |
| Gender | Male |
| Birth of date | 34 |
| Place of living | Suzhou |
| Marital status | Married |
| Language | English can be used as working language |
| Highest education | Master |
| Phone Number | 18260140861 |
| E-mail Address | baojingh@163.com |

**Professional Skills**

1. Proficient in English listening, speaking, reading, and writing, with the ability to communicate seamlessly with foreigners. Have been collaborating with overseas teams in research and development for the past two years.

2.Familiar with Java, SpringBoot, Mybatis, MySQl, etc., own 4 years’ experience in OOP.

3.Familiar with Linux, Shell, Docker, Gitlab CI/CD, Pipeline optimization.

4.Familiar with cybersecurity terms, concept and vulnerability analysis, management.

5.Familiar with SCA, SAST, such as OSS Clean, BlackDuck, VTS, SonarQube, Gitleaks, Trivy, MEND, etc.

6.Familiar with Python, Golang and develop tools, such as Automation Test, Reproducible Build.

**Career Summary**

**2021.01-2024.09** **Siemens (China) Co., Ltd.**

**Position：****Lead Engineer**

**Responsibility:**

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

**Contributions:**

1.Application containerization with Docker and integrations with Siemens Industry Edge Platform

2.Configure and optimize Gitlab CI/CD, reduce pipeline time by about 30%, reduce artifacts size by about 20%.

3.Integrate SCA, SAST in Pipeline and fix security issues in product. Vulnerability fix rate reaches 80%.

4.Develop/optimize automatic test cases with Python, reduce test time from 6h to 3h now.

5.Release product, such as OSS Clean, Reproducible Build etc. Develop automation tools to promote efficiency.

**2.Siemens Industrial AI Predictive Analysis Software**.combined with AI for factory OT assets, predict potential failure risks in advance. The software collects sensor data in real time and does pre-processing and feature engineering, inputs the feature data to the model, calculates the state of the asset and predicts the potential failure risk.

**Contributions:**

1.Containerize applications and optimization of Docker images.

2.Design and implement Web backend with SpringBoot, Mybatis, MySQL, optimize API performance and security.

3.Configure Gitlab CI/CD, optimize pipeline. Integrate with SAST to harden product security.

4.Develop automatic tools with Shell and optimize deployment process.

5.Maintain the service and analyze, troubleshoot issues for users.

**3.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.

**2019.06 to 2021.01 Suzhou Yunxuetang Information Technology Co., Ltd.**

**Position: Software Engineer**

**Responsibility:**

The product provides business learning, training for enterprises, including user modules, learning modules, content modules, etc. Contributions: Develop Web backend modules with Python.

**2016.07-2019.04 Siemens (China) Co., Ltd.**

**Position：Software Engineer**

**Education**

2013.09-2016.07 Shanghai Institute of Technology Electronics Engineering Master

2009.09-2013.07 Changshu Institute of Technology Electronics & Information Engineering Bachelor