ChinCheng **Cheng**

Site Reliability Engineer

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Summary

3 years experience specializing in the fullstack development, infrastructure. Enjoys to customize all of the development environment. Interested in devising a better problem-solving method for challenging tasks, and learning new technologies and tools if the need arises.

Skills

Working on	Kubernetes, Helm 3, Elastic Stack, Kube Prometheus Stack, Jenkins, Spinnaker, vSphere, AWS, GCP, Cloudflare
Programming	Go, Shell Script, Terraform, Ansible, Python, Java, React, C#
Languages	Mandarin, English

Work Experience

Newtype Games Limited   *Taipei, Taiwan*
Site Reliability Engineer   *Jun. 2020 - Present*

- Install Kubernetes On-prem with Kubespray, manage with helm and use Rook-Ceph for the storage to provide DevOps service by implementing applications such as Prometheus, Grafana, Influxdb and Jenkins, etc.
- Design CI/CD pipelines based on Trunk-based development and build the pipelines by using Kubernetes, GCP, Spinnaker and Ansible on Jenkins to achieve the goal of daily deployment.
- Design and implement Elastic Stack as a logging system which collects log data from Docker containers.
- Deployed a centralized monitoring environment (Grafana, Prometheus Stack, InfluxDB) which gather system metrics as well as docker run-time metrics and business metrics.
- Use golang to design and develop common entry points for all services. Use GCS as configuration storage and obtain configuration and sensitive information through entry points.

TrendMicro Inc.   *Taipei, Taiwan*
Software Engineer (Contractor)   *Oct. 2019 - Mar. 2020*

- Design a self-service website that provides rights management (RBAC) and user activity history. Developed using React and .Net Core and deployed to AWS EKS via Helm.
- Design a service that provides device detection and alerting capabilities to enhance SSO security. Use .net core console to develop services and utilize Kafka's pub/sub function to achieve decoupling between systems.
- Design a system to provide records and query user authentication records. Use .net core to develop RESTful API services and deploy and use a combination of graylog, elasticsearch, fluentd to record audit logs.
- Use Jenkins Pipeline and Docker to improve the existing ci process to achieve a clearer display and easier debugging of the ci process.

Above Tech.   *Taipei, Taiwan*
Software Engineer   *May. 2019 - Sep. 2019*

- Develop and maintain a stock market real-time quotation system. Use Java to develop the core system and RESTful API, which will be merged from the source and sent to Redis and NChan for use by other services.
- Develop and maintain a strategy system to analyze and calculate stock market information. Develop business logic using Java and use Click-house to efficiently analyze more than one billion documents.
- Develop and maintain Excel AddIn. Implement Line OAuth2 login to achieve rights management, and use WebSocket and RESTful API to present stock market real-time quotes and strategy results.

President Futures Co. Ltd   *Taipei, Taiwan*
System Engineer   *Sep. 2016 - Apr. 2019*

- Design and implement a bulletin system. Use .Net Core to develop RESTful API and Angular 2 develop background management website, and send messages to clients through RabbibMQ.
- Design and implement a modular futures trading platform based on wpf and prism, providing a trading platform with customized requirements.
- After researching and VCS and CI, use Docker to deploy Gitlab. Import and educate the development team to improve development efficiency.

Education

National Taichung University of Science and Technology   *Taichung, Taiwan*
B.S. in Computer Science   *Sep. 2010 - Jun. 2014*