

ChinCheng Cheng

SOFTWARE ENGINEER

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Summary

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

Skills

Working on Blockchain, Kubernetes, AWS, Helm, Prometheus Stack, Github Action, MongoDB
Programming Go, Terraform, Python, Makefile, Shell script, React
Languages Mandarin, English

Work Experience

Hashgreen Inc.

SOFTWARE ENGINEER

Taipei, Taiwan

Sep. 2021 - Present

- Design and implement whole infrastructure on AWS(EKS, S3, Route53, EFS, IAM) through Terraform as IaC.
- Design and implement Decentralized exchanges(DEX).

Helios Data Inc.

SOFTWARE ENGINEER

Taipei, Taiwan

Jun. 2021 - Aug. 2021

- Use golang and Gin framework to develop and maintain Schema control portal. This product provides scanning column, description and sample data of various databases (such as mysql, postgresql, bigquery, etc.) and presents the data, and also provides the function of rights management to different users.
- Use shell script and python to develop CI/CD pipeline on Jenkins to achieve deployment and high-quality code.

Newtype Games Limited

SITE RELIABILITY ENGINEER

Taipei, Taiwan

Oct. 2020 - Feb. 2021

- Install Kubernetes On-Premises 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 and Ansible on Jenkins to
- 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.

SOFTWARE ENGINEER IN PRODUCT LICENSING SERVICE (CONTRACTOR)

Taipei, Taiwan

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.

President Futures Co. Ltd

SYSTEM ENGINEER

Taipei, Taiwan

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

M.S. IN COMPUTER SCIENCE

Taichung, Taiwan

Sep. 2014 - Jun. 2016