

Longwei Luo

✉ akarinserver@gmail.com

Position: Full Stack Developer

Professional Summary

Fundamentals of Programming Design

Software Development SDLC

Object Oriented Development

Cisco CCNA Fundamentals

Human-Computer Interaction Design

HTML/CSS/JS/PHP

Node.js/React

Java

Cloud Computing Platform Architecture

Systems Analysis and Design, Database Design and Development

Underlying system development and design

Education

Western Sydney University Bachelor Information and Communication Technology

Major: Cloud Computing / Web Application Development

2020-2023

Internship

NIO Inc. IT Service Support Department

2022.11-2023.03

Content:

This position is responsible for managing IT assets and providing technical support using digital systems.

Requirements:

- Assist in project coordination and organisation.
- Assisting supervisors with day-to-day operational tasks.
- Collating and analysing operational data and developing operational reports.
- Arrange various materials, write solutions and knowledge base documents.
- Knowledge of ITIL/ISO20000/ISO20000ITSS and other service management systems
- Knowledge of project management, having taken a project management course
- Basic knowledge of IT, with project or implementation experience in one or more aspects of infrastructure, operations, development, testing, etc.
- Proficiency in writing documents in English and oral communication
- Some documentation skills.

Internship Result :

build an IT asset system

frontend: Semi Design, React and Nodejs

backend: Nodejs and Express.

The system usage: register IT assets, automatically push out asset tracking emails, automatically capture unreturned assets

Setted up BI system for IT service support department

Project List

The Stitch Index Full Stack

2022.07-2022.10

This is an online learning platform for providing healthcare industry, the front end consists of React framework and the back end consists of Java + Spring. The parts I am responsible for in it are the payment system Stripe, the cloud platform AWS, and the supporting front and back end parts. My main role was to help members initialise Git, configure SSH Key, complete Report, complete the user editing interface, complete the user login and registration interface, open up the payment system and payment page process, configure EC2, RDS, CloudFront, Route 53 and IAM Role on AWS, assist the backend with the login and Assisted the back-end to complete the login and Token API.

RailForWork Full Stack

2021.09-Now

Content:

As a member of the Rail For Work project, my responsibilities include but are not limited to:

Server operation and maintenance: responsible for managing servers, ensuring server stability and security, performing routine maintenance and update operations, and monitoring and troubleshooting servers.

DNS, CDN, Cloud Services: Understand and master the knowledge and usage of DNS, CDN and cloud services, and be able to choose the most suitable solution for configuration and deployment according to requirements.

Zero Trust Boundary: Familiar with the concept and implementation of Zero Trust Boundary, able to design and configure security measures to safeguard the system and users.

Discourse forum build and maintenance: Responsible for building and maintaining the Discourse forum system, including installation, configuration, updating, backup, maintenance and troubleshooting of the forum.

NextCloud build and maintenance: responsible for building and maintaining the NextCloud cloud storage system, including installation, configuration, updates, backups, maintenance and troubleshooting.

WordPress: Familiar with the use and development of WordPress, able to customise and develop according to requirements, and carry out related maintenance and update work.

Documentation skills: Ability to write clear, detailed and easy to understand documentation, including technical documentation, user manuals, etc. to facilitate understanding and use by users and other team members.

SAML server build and maintenance: responsible for building and maintaining the SAML server to ensure the security and accuracy of user authentication and authorisation.

PHP: Familiar with the use and development of PHP, able to customise and develop according to requirements, and carry out related maintenance and updates.

UptimeRobot: Familiar with the use and configuration of UptimeRobot, able to monitor the operational status of the system and identify and resolve problems in a timely manner.

RSS: Familiar with the use and configuration of RSS, able to subscribe and push according to demand, and carry out related maintenance and update work.

Grafana: Familiar with the use and configuration of Grafana, able to monitor and visualise data according to requirements, and carry out related maintenance and updates.

Achievement:

Built and maintained the Discourse forum system and NextCloud storage system

Built and maintained the SAML server

Designed and configured Zero Trust

Used UptimeRobot to monitor the system's status

Used Grafana for monitoring and data visualisation

written technical documentation and user manuals

Websites

<https://github.com/akarinserver>

<https://akarin.moe/>

<https://rail.moe/>

Skills

Chinese / Cantonese / English

Austrailan Driver License

CCNA

AWS Academy Cloud Architecting