

Clarence Lin

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Education

National Taipei University of Technology, Taipei Tech

M.S. IN ELECTRICAL ENGINEERING

Taipei, Taiwan

2014 – 2015

National Taipei University of Technology, Taipei Tech

B.S. IN ELECTRICAL ENGINEERING

Taipei, Taiwan

2011 – 2014

Xiehe Youde Senior High School

HIGHER VOCATIONAL IN INFORMATION

Taipei, Taiwan

2009 – 2011

Work

Backend Developer

CLOUD SOFTWARE DEVELOPMENT, CLOUD ARCHITECTURE AND AUTOMATED SYSTEM DEPLOYMENT

- Backend software development - Node.js, Python, Go, C/C++, Shell Script, Java, PostgreSQL, MySQL, Docker
- Cloud integration - AWS, GCP, Azure
- Automated deployment - GitLab CI/CD, GitHub Actions
- Automated testing - Jest
- Cloud Architecture - AWS
- Infrastructure as Code (IaC) - AWS CDK
- Japanese home camera solution - Cloud service integration project
- Japan IOT Smart Home Solution - Voice command service integration project
- Taiwan home appliance voice control home appliance solution - Cloud service integration project

Taipei, Taiwan

11/2018 – Present

Business Next Media Corp.

AUTHOR

Taipei, Taiwan

06/2022 – Present

5xRuby CO

EDUCATION TRAINING INSTRUCTOR

Taipei, Taiwan

2022 – 2022

AWS User Group Taiwan

LECTURER

- AWS Beginner - Using AWS CDK, I can also upload the front-end website with one click

Taipei, Taiwan

12/2021 – 12/2021

DrMaster Press Co., Ltd.

BOOK AUTHOR

- AWS CDK Complete Study Manual: Building Cloud Infrastructure Code IaC
- The first Chinese book that teaches you to write AWS CDK from scratch!
- For those of you who don't know how to write, we will provide you with super rich Sample Code, and you can also become an AWS CDK expert by copying!

Taipei, Taiwan

11/2021 – Present

National Taipei University of Technology, Taipei Tech

FULL-TIME ASSISTANT OF SPECIAL RESEARCH PROJECT

- Web development - Node.js, Go, C/C++, PostgreSQL
- Backend program development - Node.js, PostgreSQL, Docker

Taipei, Taiwan

11/2015 – 11/2018

Computer and Information Network Center, National Taipei University of Technology, Taipei Tech

PART-TIME WORKER

- Network Basics Debugging and Tracking with Fluke
- Computer system maintenance

Taipei, Taiwan

06/2012 – 06/2016

Students' Information Technology Conference

VOLUNTEER

Taipei, Taiwan

2014 – 2018

COSCUP
VOLUNTEER

Taipei, Taiwan
2014 – 2014

Students' Information Technology Conference Summer Camp
VOLUNTEER

Taipei, Taiwan
2014 – 2015

HITCON 2014
VOLUNTEER

Taipei, Taiwan
2014 – 2014

Skills

Cloud Architecture: Cloud service architecture includes AWS, GCP, Azure, DigitalOcean, Linode etc.
AWS: Use AWS cloud service packages like EC2, S3, RDS, Lambda, VPC, ECS, ECR, Fargate etc.
Docker: Compose Docker containerization, including recompile and container security.
Linux: OS maintenance and use no-gui linux. write shell scripting.
Git: Software version control using GitHub and GitLab.
CI/CD: Compose GitHub or GitLab automated deployments.
Node.js: Develop server software, web applications, and desktop applications with Node.js
Go: Web application development and server software development.
Python: API program development and automated script program development.
Vue: Basic front-end web development
PHP: Develop API applications and backend websites using PHP.
MySQL: API website usage database
PostgreSQL: API website usage database

Projects

cdk-wordpress cdk
<https://github.com/clarencetw/cdk-wordpress>

AWS Lambda Layer with curl cdk
<https://github.com/clarencetw/cdk-lambda-layer-curl>