

CK LIN

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1989/10/27



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Kaohsiung City

EXPERIENCE

Ephod Technology

Senior Software Engineer | Apr 2022 – Present

- Built and maintained a microservice backend using API Gateway, Lambda, SQS, SNS, Redis, and RDS, ensuring high scalability and reliability.
- Managed and optimized the AWS infrastructure, including IAM, CloudFormation, VPC, Route 53, and S3, improving operational efficiency.
- Full-stack development experience spanning DevOps, data ingestion, backend development, and frontend development.
- Designed and integrated multiple systems, including data workflows, business logic, payment systems, notification services, and user registration, ensuring seamless business operations.

DrSays

System Architect | Apr 2021 - Apr 2022

- Modularized and refactored key systems, enhancing maintainability and scalability.
- Redefined company development processes and culture, establishing SOPs that improved cross-team collaboration and workflow efficiency.
- Designed and developed a cost-efficient and scalable site architecture, resulting in faster growth and lower operational costs.

NTTDATA

Senior Engineer | Oct 2020 – Apr 2021

- Developed Customer Relationship Management system's frontend and backend.
- Became a Fullstack Engineer.

KKStream

Senior Backend Engineer | Mar 2016 – Oct 2020

- Designed, structured, and implemented modularized Over-the-Top (OTT) media content backend architectures, data structures, and infrastructure in collaboration with the team.
- Collaborated with the team to design, structure and implement the Modularized OTT backend service architectures, data structures and infrastructures.
- Developed CI/CD automation for testing and deployment with AWS boto3 and gitlab-ci.
- Built service infrastructure with AWS Cloudformation.
- Awarded Extra Mile for performing great work.
- 2+ years of experience in Golang and PHP.

Newegg

Backend Engineer | Jan 2015 – Mar 2016

- Developed Authentication backend service for Online Chatting app, Contact app and Document Management App.
- Developed Contact Management app backend service for storing and analyzing users' contact information.
- 1 year of experience in Java and PHP.

EDUCATION

Feng Chia University, Taiwan

Information Engineering and Computer Science, Information Security
Master degree | Aug 2012 – Aug 2014

Feng Chia University, Taiwan

Information Engineering and Computer Science
Bachelor degree | Aug 2008 – Jun 2012

SKILLS

Programming Languages

Python (3+ years)
Golang (2+ years)
PHP (3+ years)
Java (1+ year)
ReactJS(2+ years)
Elixir, Shell Script

Backend Skills

Data queuing development
Distributed computing development
Database management and optimization
High-traffic service development
Data ingestion development
Integrated payment-related systems

Frontend Skills

React, Vue, React Native

Data Management

MySQL, Redis, DynamoDB

Cloud Service

Proficient in AWS cloud development, including:
- Computing: EC2, ECS, Lambda, Batch, etc.
- Data Queues: SQS, Kinesis, etc.
- Data Management: S3, RDS, Redis, DynamoDB, etc.
- Networking: VPC, API Gateway
- Search Services: Elasticsearch
- DevOps: CodeBuild, CodeDeploy, CloudFormation, etc.

Others

GraphQL API development, Linux based development, Vim, Docker

CERTIFICATIONS

- Scrum Master Certificate
- CompTIA Security +

ABOUT ME

Hi, I'm CK, a full-stack engineer with extensive system development experience. I specialize in building high-traffic backend services and designing visually appealing frontend interfaces, while integrating business logic and following designers' blueprints. Additionally, I have expertise in setting up and deploying AWS cloud resources and network infrastructures from the ground up, ensuring scalability and cost-efficiency.

During my time at KKBox Group, I gained extensive experience, particularly in collaborating with multiple teams to develop large-scale systems. I was involved in the entire process from system design to implementation, working cross-functionally across departments to ensure smooth project progress. These experiences not only enhanced my technical skills but also improved my collaboration and communication abilities in large-scale system development. As a Scrum Master, I coordinated team processes, improved work efficiency, and ensured that the team met its goals effectively.

Currently, I am working in a startup team where I am responsible for solving various system-related issues and, based on the existing budget, trying to develop feasible system solutions. This experience has sharpened my ability to optimize system design and quickly meet business requirements with limited resources. I believe that, given the opportunity, I can bring the experience gained at KKBox and in the startup environment to contribute significantly to your team, whether in development, cloud technology application, or cross-department collaboration.