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U.S. Citizen

## Portfolios

unisco.com | item.com |  
centinelafeed.com |  
lotuspetfoods.com |  
xpower.com | airchaser.com |

## Skills

### DevOps & Cloud:

AWS (ECS, ECR, Lambda, API Gateway, DynamoDB, CloudFormation, CloudWatch), Docker, GitHub Actions CI/CD, Linux/Bash, SSH

### Automation & IaC:

Infrastructure as Code (CloudFormation), Container Orchestration, Branching Strategies, CloudWatch Logs, Health Checks

### Programming:

JavaScript (ReactJS, NodeJS) HTML5/CSS3(SASS, Flexbox, Bootstrap, Animation) Python, PHP (Laravel), SQL

### Tools:

Git, Postman, RESTful APIs

## Education

06/2012

### Bachelor of Science:

Electrical Engineering

University of California,  
Riverside

Riverside, CA

09/2016

### Master of Science:

Computer And Information  
Sciences

California University of Business  
and Technology

Hacienda Heights, CA

# Chaopin Wen

## Summary

Results-driven Software and DevOps Engineer with a strong track record of building scalable **web applications** and automating **cloud infrastructure** on **AWS**. Proficient in designing **CI/CD pipelines** (GitHubActions), **orchestrating containerized microservices** (ECS), and implementing **infrastructure as code** (CloudFormation). Proven success in reducing deployment downtime, cutting release cycles by 40%, and leveraging **system monitoring** (CloudWatch) to ensure reliable, low-downtime deployments across eCommerce, logistics, and real-time systems.

## Experience

### Unis Fulfillment – Software & DevOps Engineer Buena Park, California

01/2023 - Current

- Spearheaded the DevOps lifecycle for the Warehouse Management System (WMS), automating end-to-end deployments using **GitHub Actions**, **Docker**, and **AWS ECS**, reducing manual intervention and cutting release cycles by 40%.
- Orchestrated 10+ WMS microservices across dev/stage/prod environments using **ECS Fargate** and **ECR**, achieving near-zero deployment downtime.
- Designed and implemented **CloudFormation IaC** templates to standardize infrastructure provisioning, ensure consistency and enable **version controlled**.
- Built and deployed **containerized** AI services for OCR document recognition, RFID scan ingestion, and robot patrol telemetry, scaling reliably on ECS.
- Enhanced observability with **CloudWatch** dashboards for logs, metrics, and **health checks**, improving system reliability and incident response time.
- Automated OS-level updates and diagnostics for 20+ **Linux-based** edge devices (e.g., RFID readers, robotic units) using **Bash scripting** and **SSH** workflows.
- Led the development of **branch-based** preview environments to accelerate testing and cross-functional collaboration for feature delivery.

### Centinela Feed and Pet Supplies - Full Stack Developer Torrance, California

11/2021 - 01/2023

- Migrated eCommerce platform to Salesforce Commerce Cloud, integrating Service Cloud, Zenkraft, and Yotpo.
- Optimized site performance by 30% via Ahrefs/Google Analytics, improving SEO rankings.
- Automated payment/shipping workflows using Stripe/Shippo APIs and segmented 10K+ subscribers via Mailchimp API.

### XPOWER Manufacture Inc - Web Developer City of Industry, California

03/2017 - 10/2021

- Built responsive eCommerce sites (airchaser.com, xpower.com) with JavaScript/jQuery and WordPress/WooCommerce.

### Cybertan Corporation - Application Engineer Orange, California

09/2012 - 02/2015

- Conducted on-site VLSI hardware reviews and demos, analyzed hardware issues, and collaborated with engineering teams to deliver effective solutions.

