

Kevinn Ramirez

Junior Cloud Engineer · AWS Certified Cloud Practitioner · Tokyo, Japan

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SUMMARY

AWS Certified Cloud Practitioner who builds production-ready cloud infrastructure with security and cost optimization as core principles. Demonstrated ability to architect and deploy serverless solutions achieving 99.99% uptime at \$0/month operational cost. Combines hands-on AWS experience (S3, Lambda, CloudFormation) with Infrastructure as Code and CI/CD automation. Based in Tokyo, pursuing AWS Solutions Architect Associate certification.

CLOUD ENGINEERING PROJECTS

Portfolio Website — AWS Infrastructure & CI/CD · github.com/Kevinnra/Kevinnra.github.io 2025 – Present

- **Serverless hosting architecture:** S3 + CloudFront CDN + Route 53 — 99.99% availability, sub-second global load times, ~\$0.56/month operational cost
- **Automated CI/CD:** GitHub Actions pipeline deploys on every push to main; file-diff detection selectively invalidates CloudFront cache, reducing API costs
- **Security:** least-privilege IAM policies, S3 AES-256 encryption, versioning enabled, credentials stored in GitHub Secrets

Stack: AWS S3 · CloudFront · Route 53 · IAM · GitHub Actions · HTML/CSS/JS

Serverless Contact Form API · github.com/Kevinnra/Serverless-Contact-Form-API 2025 – Present

- **Production REST API:** 6 integrated AWS services — \$0.00/month (Free Tier), <300ms response time, powers live portfolio contact form
- **Infrastructure as Code:** entire stack defined in AWS SAM template (CloudFormation), one-command deploy, automated via GitHub Actions
- **Multi-layer security:** API Gateway rate limiting (5 req/s), Python input validation, HTML/XSS sanitization, honeypot bot detection

Stack: Lambda (Python 3.13) · API Gateway · DynamoDB · SES · CloudWatch · SNS · AWS SAM

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF-C02) · Amazon Web Services *January 2026*

CS50P — Introduction to Programming with Python · Harvard / edX *January 2025*

AWS Solutions Architect Associate (SAA-C03) · **CCNA 200-301** *In Progress — 2026*

TECHNICAL SKILLS

AWS: S3 · CloudFront · Route 53 · Lambda · API Gateway · DynamoDB · SES · CloudWatch · SNS · IAM · CloudFormation

IaC & CI/CD: AWS SAM · CloudFormation · GitHub Actions · Git **Scripting:** Python · Bash · JavaScript

Monitoring: CloudWatch Logs & Alarms · SNS **Databases:** DynamoDB **OS:** Linux (Ubuntu) · Windows Server 2022

Networking: TCP/IP · DNS · HTTP/HTTPS · VPC fundamentals **Security:** IAM least-privilege · input validation · rate limiting

Languages: English (Professional) · Spanish (Native) · Japanese (Basic — N5)

EXPERIENCE

Uber Eats — Delivery Partner · Tokyo, Japan *July 2024 – Present*

Maintained 5-star rating across 1,000+ deliveries; independent operations, real-time problem solving, customer communication under pressure