

CALE COLLINS

DevOps / Site Reliability Engineer

Tokyo, Japan (UTC+9) · Available 22:00–02:00 JST for US Eastern overlap
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SUMMARY

DevOps and infrastructure engineer with 26 years building and operating production systems, including 21 years leading engineering teams. Currently founder and principal engineer at a Tokyo software studio, owning AWS infrastructure end to end: multi-environment provisioning with Terraform and Ansible, containerized delivery, CI/CD pipelines, monitoring, and least-privilege access design. Also experienced in blockchain infrastructure, having deployed and operated a 15-node Ethereum network.

CORE SKILLS

Cloud & Infrastructure: AWS (EC2, ECS/Fargate, Lambda, S3, RDS/Aurora, ElastiCache, ALB, Route 53, CloudFront, VPC, IAM, Security Groups, SSM)

Containers: Docker, Kubernetes, ECS/Fargate, docker-compose

IaC & Automation: Terraform, Ansible, Shell, Python, Go

CI/CD: GitHub Actions, GitLab CI

Observability: CloudWatch; Prometheus and Grafana (in progress)

Data & Messaging: PostgreSQL, MySQL, Redis, Kafka, Oracle, SQL Server

Backend: Go, Java / Spring Boot, Node.js, Python, PHP

Blockchain: Ethereum node deployment and monitoring, RPC operations, wallet and key isolation

EXPERIENCE

RYU LLC — Tokyo, Japan

Apr 2023 – Present

Founder & Principal Engineer

- Cut environment provisioning from half a day to under 30 minutes by codifying production, staging and test environments in Terraform and Ansible — most of the remaining time is AWS resource creation, with no manual steps.
- Reduced release cycles from 2–3 hours of manual work (local build, artifact upload, service restart, manual testing) to a 15–20 minute automated pipeline on GitHub Actions, triggered straight from a commit.
- Own AWS infrastructure across all company products, including monitoring and alerting on CloudWatch.
- Design least-privilege access: VPC segmentation, IAM roles, security groups, and SSM-based access to production hosts instead of public SSH exposure.
- Built an internal AWS just-in-time privilege elevation service in Go — request, approval, time-boxed grant and automatic revocation, with a Slack audit trail.
- Lead a 9-person team distributed across Japan and China, running the full delivery cycle from requirements through production operations.
- Delivered four production products: a social community app, a restaurant POS system, a workforce time-tracking app, and a multi-channel commerce platform.

Hebei Bodao Technology — Shijiazhuang, China

Jun 2016 – Mar 2022

Project Manager / Technical Lead

- Built and operated COCOIN, an Ethereum-based blockchain platform: deployed 15+ nodes and 100 mining machines, monitored block height, peer and RPC health, and isolated wallet and key material at the network level.
- Delivered the Hebei Province Unified Social Credit Code data service platform, covering ingestion, validation, review workflows and server deployment.
- Rebuilt an automated warehouse system, integrating STM32-based hardware control with the software stack while maintaining compatibility with legacy data.

Shijiazhuang Yubang Software — Shijiazhuang, China

Jun 2012 – Jun 2016

Project Manager

- Delivered provincial credit information platforms for Zhejiang and Ningbo, aggregating enterprise data across eight government agencies for joint regulatory oversight.
- Built an audit support system for Bank of China Hebei Branch with bulk data import, full-text search and automated audit alerting.

Earlier: 15+ years across enterprise ERP, e-commerce, government data platforms and embedded systems (STM32 / embedded C) — robotics control, coin-operated systems and CAD automation.

OPEN SOURCE

- roster — AI agent for GitHub-driven development management. Go, multi-LLM provider support, Slack slash commands, Helm deployment. github.com/ryuclub/roster
- market-monitor — crypto market dashboard with real-time candlesticks, technical indicators and backtesting. Zero dependencies. github.com/ryuclub/market-monitor
- video-studio — article-to-video pipeline where every frame is drawn in code as SVG. github.com/ryuclub/video-studio

EDUCATION

Hebei University of Technology — Mechatronic Engineering

LANGUAGES

Chinese (native) · Japanese (business) · English (fluent written, conversational spoken)

WORK AUTHORIZATION

Based in Tokyo, Japan. Available as an independent contractor or through an employer of record. Not seeking US visa sponsorship.