Mojie

Senior SRE · Cloud Native Architect · AWS Solutions Architect · AI Infra



Male · 34 Years | 11+ Years SRE & Infrastructure | **Target: Senior SRE / Cloud Architect**

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INDUSTRY PREMIER CERTIFICATIONS

AWS-SAP	CKS	CKA	RHCE	ITIL v3
Solutions Architect Pro	K8s Security Specialist	K8s Administrator	Red Hat Certified Eng	ITSM Foundation

CORE ARCHITECTURAL COMPETENCIES

- **AWS Ecosystem & Multi-Cloud Architecture:** Deep practice of AWS Well-Architected Framework; mastery of EKS, VPC, EC2, S3, Aurora, ElastiCache, CloudFront, Route53, IAM; delivered cross-region DR, Terraform IaC automation, and FinOps (Savings Plans & Spot) cost optimization.
- **Cloud Native & Defense-in-Depth (CKS):** Proficient in Kubernetes ecosystems (EKS, ACK, KubeSphere, Helm, MetalLB) and Istio service mesh; certified CKS security expert, adhering to CIS Benchmarks, defending against DDoS, brute force, and container escape vectors.
- **Modern DevOps / DevSecOps & Automated IaC:** Utilizing Terraform and Ansible to deliver multi-cloud infrastructure lifecycles; led multiple production CI/CD pipelines (GitLab Flow / Jenkins) with embedded static security analysis.
- **Production AI-Native Full-Stack Engineering:** Hands-on production experience in LLM/Agent workflows (Dify, Coze, Hermes Agent), front/backend architecture, and high-availability cloud deployments; Kubeflow ML platform customizations and private LLM inference.
- **High Availability, Big Data & Full Observability:** Comprehensive management of hybrid clouds; architected ClickHouse, Kafka, Redis, and MySQL high-availability clusters alongside Prometheus/Grafana full-stack telemetry.

PROFESSIONAL EXPERIENCE

Leading Telematics & Connected Vehicle ** Technology Co., Ltd. — Senior SRE / Infrastructure Architect — 2021.08 - Present

- **Cloud Native Infrastructure:** Led internal containerization on KubeSphere, Aliyun ACK, and AWS EKS across hundreds of nodes; built automated Terraform + vCenter/AWS baseline suites, improving infra delivery efficiency by **70%**.
- **AI Infra Machine Learning Platform:** Spearheaded Kubeflow ML platform production rollout; customized Dashboard, KServe model serving, Katib hyperparameter tuning, and Notebooks to accelerate algorithmic iteration.
- **Multi-Cloud FinOps & DevSecOps:** Unified governance of AWS, Aliyun, and JD Cloud; reduced annual cloud expenditure by **18%** through resource profiling, EKS Karpenter autoscaling, and Spot instances. Established GitLab Flow with CIS K8s hardening, cutting deployment time to **<15 mins**.

High-Concurrency E-Commerce & Media ** Tech Co., Ltd. — SRE Lead / Infrastructure Operations — 2019.12 - 2021.08

- **High-Concurrency Multi-Cloud Architecture:** Managed tens of millions DAU e-commerce & short-video systems; designed multi-cloud VPC topology and cloud-native gateways ensuring **99.99%** SLA during flash sales.
- **DevOps Pipeline & Big Data:** Formulated GitLab Flow release specs achieving **99.5%+** deployment success rate; operated 100M+ daily log ingestion on ClickHouse + Kafka.

PROFESSIONAL EXPERIENCE (CONTINUED)

Cross-Border E-Commerce ** Co., Ltd. **DevOps / SRE Engineer** 2018.04 - 2019.12

- **Containerization & CI/CD:** Promoted transition from legacy monolithic systems to Docker + Kubernetes; orchestrated Jenkins + Harbor automated build pipelines, slashing build overhead by **60%**.
- **Monitoring & Middleware:** Built Zabbix + Grafana unified monitoring; engineered Redis Master-Replica and MySQL master-slave read/write splitting clusters.

Fintech ** Co., Ltd. **Infrastructure Engineer** 2015.01 - 2018.03

- **Datacenter & Virtualization:** Maintained VMware vSphere cluster with 200+ production hosts, ensuring zero critical downtime for financial core services.
- **Automation & System Tuning:** Deployed ELK cluster and Ansible batch orchestration; tuned Linux kernel parameters (sysctl, TCP backlog) and Nginx reverse proxy caching.

FEATURED PRODUCTION ARCHITECTURE PROJECTS

1. CMDB Asset Discovery & AIOps Intelligent Observability Platform **Core Infrastructure Developer / Architecture Lead** 2023.05 - 2024.03

Project Context: Addressed scattered asset ledgers, untracked monitoring targets, and alert fatigue by building a unified CMDB and intelligent AI on-call platform.

- **CMDB & Automated Discovery:** Integrated Prometheus HTTP SD; newly registered VMs in CMDB automatically attach node exporter telemetry, eliminating blind spots.
- **ChatOps & Terraform IaC:** Built bi-directional ChatOps gateway. Developers request VMs in team channels; the agent validates quotas and invokes Terraform to provision VMs in seconds.
- **Alert Noise Reduction & RAG Triage:** Vectorized incident Runbooks into Qdrant. On critical alerts, the agent auto-suggests SOPs and audits GitLab MRs over the past 30 minutes to detect regression sources.

2. Enterprise Container Platform & Microservices Migration (Joint Initiative with a Global Leading Automotive Enterprise) **Infrastructure Architect / Lead Implementer** 2022.01 - 2022.05

Project Context: Assisted a top joint-venture automotive manufacturer in migrating core systems to microservices container platforms under strict compliance requirements.

- **Capacity Benchmarking & K8s Architecture:** Selected hardware/software capacity, architected production-grade K8s topologies with Ceph/CSI storage, and implemented multi-tenant RBAC isolation.
- **Standardized Helm Charts:** Formulated unified Helm packages for Nacos, RocketMQ, and MinIO clusters, enabling repeatable one-click deployments.
- **Database HA & Disaster Recovery:** Implemented MySQL semi-sync replication and Redis Cluster groups with automated backups, completing final sign-off 3 weeks ahead of schedule.

FULL TECHNICAL SKILLS MATRIX

Cloud & Infra	AWS (EKS, VPC, EC2, S3, Aurora, CloudFront, Route53, IAM, FinOps), Aliyun (ACK, ECS), VMware vSphere
Container & K8s	Kubernetes (CKA/CKS), Docker, KubeSphere, Helm 3, Istio, Knative, MetalLB, Calico/Flannel
DevOps & IaC	Terraform, Ansible, GitLab CI/CD, Jenkins, SonarQube, Trivy, Harbor, Linux Kernel Tuning, Bash/Python
AIOps & Big Data	Hermes Agent, ChatOps, Kubeflow, Qdrant Vector DB, Prometheus/Grafana, ClickHouse, Kafka, Redis, MySQL

EDUCATION

Northwestern Polytechnical University (NWPU) **B.S. in Computer Science and Technology** 2017 - 2019