

RUNLONG LI

✉ runlongli@outlook.com ☎ 9493729060 📍 Los Angeles 🌐 <https://berlinfog.github.io/about>

Experience

Bitus Labs

Feb 2025- present

DevOps Engineer

- Spearheaded the infrastructure migration **from Docker to ECS, and ultimately to EKS using Terraform**; engineered automated CI/CD pipelines to streamline full-stack production deployments across all tiers—including frontend assets, backend services, and ML models—to power player-behavior analyzers and game difficulty controllers.
- **Architected the underlying infrastructure for high-throughput hot/cold data pipelines**, utilizing **Terraform** to provision Kafka/Kinesis, RDS, and Redshift, enabling data teams to seamlessly stream real-time analytics and accelerate model training loops.
- **Built a centralized full-stack observability and alerting ecosystem** across EKS/ECS clusters; leveraged **Prometheus** for cluster/backend metrics and **Datadog for frontend user-experience telemetry** (e.g., login success rates), aggregating data into **OpenSearch** and **Grafana** dashboards to minimize MTTR.

Riot Games

Los Angeles

Infrastructure Engineer — League of Legends: Wild Rift

May 2023 - Jan 2025

- Contributed to the migration of game release and live-operations workloads to **Kubernetes**, supporting **Terraform-managed multi-cloud infrastructure changes across AWS and Tencent Cloud**, deployment validation, and rollout preparation. Helped reduce cloud resource usage by **approximately 30%** and decrease manual orchestration through **GitOps workflows**.
- Supported regional game build and release operations across **North America, South America, Europe, and Asia**. Evaluated traffic requirements for **game updates and live events**, then prepared **AWS infrastructure** and **Jenkins-based deployment pipelines** for scheduled rollouts.
- Provided **L1 on-call support** for database and payment-related production issues, handling **PagerDuty alerts**, incident triage, and escalation across developer and infrastructure teams. Built **Grafana dashboards** and used **Elasticsearch logs** to investigate release and runtime issues faster.

Bizseer Technology

Beijing, China

Site Reliability Engineer

Sep 2020 - Jul 2021

- Deployed and configured an **AI-based anomaly detection platform** for commercial and investment banking clients in secure data-center environments, using **Ansible** to install big-data components such as Hadoop, Spark, Kafka, and ELK on **VM / Docker-based infrastructure**.
- Tuned anomaly detection pipelines in **Python**, processing Linux server metrics and log-derived signals such as error rates, keywords, and abnormal patterns; supported an alerting system covering **2,000+ machine and log metrics**.
- Built internal **REST APIs** and **Grafana dashboards** to expose system metrics and detection results, while supporting monitoring and incident response for backend services such as Kafka and Hadoop.

Kingsoft Games (NASDAQ:KC)

Zhuhai, China

Game Developer Intern

Jul 2020

- Designed and created a 3D escape game from the ground up using Unity and C#
- Wrote an official two-pager game outline document for a mobile simulation game including the rules and gameplay

Education**University of California, Irvine**

Master

Electrical Engineering and Computer Science

Sep 2021 - Dec 2022

Nanjing Agricultural University

Bachelor

Computer Science

Sep 2016 - June 2020

Relevant Coursework: Computer Architecture, C, Java, Operating System, Digital Communication

Projects**Development of Chrysanthemum Recognition System Based on LSH**

Apr 2018 - Apr 2019

Developed a flower petal pattern classification Android app using Java based on Locality-Sensitive Hashing algorithm published in NDBC2019 Conference

<https://github.com/berlinfog/Chrysanthemum-Recognition-System-Based-on-LSH>

Skills**Programming Languages**

Python, Java, Go, Bash, JavaScript

Cloud, IaC & Automation

AWS, Tencent Cloud, Azure, Terraform, GitOps, Jenkins, Ansible

Containers & Orchestration

Kubernetes, Amazon EKS, Amazon ECS, Docker

Observability & Monitoring

Grafana, Prometheus, Elasticsearch

Data & Messaging

MySQL, Redis, MongoDB, Kafka, Hadoop, Spark