

Darkhanbayar Erdenebat



System Architect

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Professional summary

System Architect with 8+ years designing cloud and DevOps solutions. Leads teams in AWS, Kubernetes, and Golang to improve reliability, automation, and delivery speed.

Employment history

OCT 2025

ULAANBAATAR HOT, MONGOLIA

System Architect, Tech Partners

- Designed the system architecture for TESO's vending machine platform (1,000+ devices) and integrated supporting services across multiple systems.
- Led cloud architecture improvements to increase reliability, scalability, and service availability.
- Standardized CI/CD pipelines across products, improving deployment speed and consistency.
- Implemented security and quality controls (OWASP practices, SonarQube, automated scanning) and strengthened overall platform stability by ~30%.
- Mentored engineers and guided architecture decisions across backend, DevOps, and infrastructure teams.

APR 2022 - MAR 2024

ULAANBAATAR HOT, MONGOLIA

Chief Technology Officer, Fibo Cloud

- Successfully launched cloud services in Kazakhstan's TTC Datacenter and Uzbekistan's Uztelecom Datacenter, expanding the company's regional presence.
- Directed cloud infrastructure strategy, achieving 99.7% uptime and ensuring compliance with top-tier enterprise requirements.
- Designed and implemented a developer skills measurement framework, increasing recruitment efficiency by 30% and improving team performance evaluations by 25%.
- Provided executive leadership in technology vision and product roadmap, accelerating time-to-market for new services by 35%.

OCT 2021 - APR 2022

ULAANBAATAR HOT, MONGOLIA

Senior Software Engineer Team Lead, Fibo Cloud

- Led the development of Mongolia's first public cloud platform (**Cloud.mn**), building and delivering full-stack features using **React** and **Python/Go**.
- Designed and deployed production-grade cloud infrastructure using **OpenStack, KVM, and Ansible**, ensuring **99.6% uptime** and stable service operations.
- Delivered cloud consulting for top Mongolian enterprises, helping teams plan cloud adoption, optimize infrastructure architecture, improve reliability, and reduce operational risk.

JUN 2021 - FEB 2025

ULAANBAATAR HOT, MONGOLIA

Senior Engineer, TECH PARTNERS

- Designed and developed scalable full-stack applications, enhancing business growth and user engagement.
- Led automation initiatives that streamlined workflows, significantly reducing manual tasks and errors.
- Implemented CI/CD pipelines, ensuring fast and reliable software delivery with zero downtime.
- Collaborated with cross-functional teams to deliver high-impact features, optimizing performance and cost-efficiency.

APR 2018 - MAR 2019

ULAANBAATAR HOT, MONGOLIA

Frontend Developer, Z24 LLC

- Studied and applied React.js (components, hooks, routing, state management)
- Developed UI pages for a flight ordering system and an internal backoffice panel
- Collaborated with backend team to integrate APIs and display real-time data

Education

FEB 2026

FAIRFIELD

Master's degree, Maharishi International University

Currently studying..

Certificates

MAR 2022

CKA: Certified Kubernetes Administrator, The Linux Foundation

MAY 2020

AWS Certified Developer - Associate, Amazon Web Services (AWS)

Skills

DevOps

Cloud Architect

Frontend

Backend (Golang)

AWS

Kubernetes

Orchestration

Containerization

Team Mentoring

Links

[Portfolio](#)

[Github](#)

[LinkedIn](#)