

Davaakhatan Zorigbaatar

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PROFESSIONAL SUMMARY

DevOps & Cloud Engineer with 6+ years' experience automating AWS and Azure environments and driving Cloud Native transformations for banking-grade systems. Specializes in secure, compliance-driven CI/CD and Infrastructure as Code (Terraform, Ansible). Skilled in container orchestration (Kubernetes, Docker) and observability pipelines—delivering 40% faster releases and maintaining 99.9% uptime for mission-critical services.

EXPERIENCE

Full-Stack Developer

Jan 2025 – May 2025

Erie Technology Incubator Inc

Erie, PA

- Develop real-time IoT monitoring dashboard with React, MobX, Node.js, and Redis—saving field engineers 90% of manual checks.
- Built Node.js backend services and optimized MySQL and MongoDB queries, boosting data-retrieval performance by 50%.
- Implement GitHub Actions for end-to-end CI/CD, reducing build-to-deploy lead time by 80% (from 4 hrs to under 1hr).

Graduate Assistant & Software Developer

Feb. 2024 – May 2025

Gannon University

Erie, PA

- Architected MERN-stack course-scheduling tool, automating semester planning and reducing manual Excel work by 80%.
- Deployed on Windows Server with secure HTTPS via Cloudflare/Namecheap, achieving 99.9% SLA compliance

DevOps Engineer

Jan 2022 – July 2023

Khan Bank

Ulaanbaatar, Mongolia

- Automated Kafka & Zookeeper provisioning with Ansible and VMware vRA, cutting cluster build time by 70%.
- Developed unified CI/CD pipelines in Azure DevOps and Jenkins for 30+ microservices, integrating SonarQube and JFrog Artifactory to reduce security vulnerabilities by 40% and ensure 99.9% SLA compliance.
- Led the cloud-native transformation of legacy Java & WebLogic applications into Docker-and-Kubernetes microservices on AWS EKS and Azure AKS, improving scalability by 3× and cutting release lead time by 60%.
- Managed MySQL and Cassandra backups, scaling, and monitoring to ensure 99.9% SLA compliance
- Implemented DORA metrics dashboards in Grafana, tracking deployment frequency, lead time, and change-failure rate to boost throughput by 45%.
- Coordinated weekly release planning in ServiceNow and tracked tickets in Jira; managed Agile sprints in ClickUp and maintained centralized team documentation in Notion.
- Mentored two junior engineers in IaC best practices, cutting onboarding time by 30%.
- Partnered with UX and QA teams to define acceptance criteria and implement TDD, increasing code coverage to 85% and reducing defects by 30%.
- Participated in Khan Bank's company-wide Hackathon (2022), developing an automated alerting prototype that earned a Top 5 finish.

Software Security Engineer

Sep 2017 – Jan 2022

Infosolution LLC

Ulaanbaatar, Mongolia

- Implemented Infrastructure as Code (Terraform, Bicep) across Azure & AWS to enable self-service provisioning for 100+ engineers, cutting environment setup time by 80%.
- Engineered CI/CD pipelines in Azure DevOps and GitHub Actions with SonarQube quality gates, improving deployment reliability by 30%.
- Deployed consolidated observability (ELK, Grafana, Azure Sentinel, Datadog), reducing incident detection and triage time by 50%.
- Automated privileged-access workflows with CyberArk, enforcing least-privilege IAM policies and achieving 100% audit compliance.
- Served as Microsoft Azure Trainer, delivering 8 internal workshops on Azure IaaS/PaaS to 60+ staff, boosting team proficiency.
- Migrated monolithic Java & React applications to Kubernetes-based microservices, reducing monthly cloud spend by 25%.

EDUCATION

Gannon University

Erie, PA

Master of Science in Computer and Information Science, Minor in Software Engineering

Aug. 2023 – May 2025

Mongolian University of Science and Technology

Ulaanbaatar, Mongolia

Bachelor of Science in Computer Science

Aug. 2011 – Dec 2016

TECHNICAL SKILLS

Infrastructure as Code (IaC): Terraform, Ansible, Bicep

Cloud Platforms & Containerization: AWS EC2, AWS EKS, Azure AKS, Azure Functions, GCP (Compute Engine, GKE), Kubernetes, Docker

CI/CD & Version Control: RJenkins, Azure DevOps, GitHub Actions, Git

Programming Languages: Python, Java, JavaScript, TypeScript

Databases & Caching: MySQL, MongoDB, Redis, Cassandra

Observability & Monitoring: ELK, Prometheus, Grafana, Datadog, Azure Sentinel, Splunk

Operating Systems & Virtualization: Linux, Windows Server, VMware

DevSecOps & Best Practices: TDD, DevSecOps, OWASP Top 10, PCI-DSS, SonarQube, JFrog, CyberArk

Methodologies & Collaboration: Agile, Scrum, Kanban, ServiceNow, Jira, ClickUp, Notion

CERTIFICATIONS

- AWS Cloud Practitioner (Oct 2023 - Oct 2026)
- Oracle Certified Foundations Associate, Database (May 2023)
- Microsoft 365 Certified Fundamentals
- Microsoft 365 Certified: Enterprise Administrator Expert
- MTA: Networking Fundamentals - Certified 2018

AWARDS

- **Employee of the Year**, Infosolution 2019

ACTIVITIES

- **Hackathon Participant**, Khan Bank Hackathon (2022) – Collaborated on a multi-service pipeline for automated reporting and placed in the Top 5 out of 50 teams
- **Microsoft Azure Trainer**, Infosolution LLC (2020–2021) – Designed and delivered 8 hands-on workshops on Azure IaaS/PaaS, up-skilling 60+ engineers on Terraform and ARM templates