

Davaakhatan Zorigtbaatar

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SUMMARY

Results-driven Cloud & DevOps Engineer with 5+ years of experience designing, automating, and securing large-scale cloud-native infrastructures on AWS and Azure. Proven track record in leveraging Kubernetes, Docker, Terraform, Ansible and CI/CD pipelines (Jenkins, Azure DevOps, GitHub Actions) to accelerate deployments by up to 40% and achieve 99.9% uptime. Skilled at implementing observability (ELK, Prometheus, Grafana, Datadog), DORA metrics and IAM best practices (CyberArk, Azure IAM), delivering actionable insights and reducing MTTR by 50%.

WORK EXPERIENCE

Erie Technology Incubator Erie, PA

Full-Stack Developer (PT) 01/2025 - 5/2025

- **Developed** a real-time IoT monitoring dashboard using React, MobX, Node.js and Redis, saving field engineers 90% of manual checks.
- **Implemented** GitHub Actions for end-to-end CI/CD, shrinking build → test → deploy lead time from hours to minutes.
- **Optimized** SQL and NoSQL queries for high-volume logs, improving data retrieval performance by 50%.
- **Translated** Figma designs into responsive UI components, elevating stakeholder satisfaction and usability.

Gannon University Erie, PA

Graduate Assistant (PT) | Software Developer

- **Architected** a MERN-stack course-scheduling tool that automated semester planning, reducing manual Excel work by 80%.
- **Deployed** the application on Windows Server with Cloudflare/Namecheap domain integration, ensuring 99.9% uptime and secure HTTPS access.
- **Collaborated** directly with faculty to gather requirements and deliver user-friendly features that eliminated timetable conflicts.

KhanBank

DevOps Engineer 01/2022 - 07/2023

- **Automated** Kafka and Zookeeper cluster provisioning with Ansible and VMware vRA, reducing setup time by 70% and eliminating resource conflicts.
- **Deployed** Helm-based monitoring stacks (ELK for log access, Grafana for cluster/pod metrics, Prometheus for service health), empowering Dev/QA teams with self-service observability.
- **Implemented** DORA metrics dashboards to track deployment frequency, lead time, and change failure rate—improving team throughput by 45%.
- **Containerized** legacy LOS and OCH Oracle WebLogic systems into Docker/Kubernetes microservices, cutting application downtime by 60% and accelerating release cycles by 50%.
- **Built** and maintained Jenkins pipelines integrated with vRA, supporting 100+ microservices and reducing manual deployment steps by 80%. Provided day-to-day DevOps support for Cassandra backends and developer troubleshooting.
- **Integrated** SonarQube scans into CI workflows to detect and remediate security vulnerabilities early, reducing critical findings by 40%.
- **Provided** day-to-day DevOps support for MySQL and Cassandra backends and developer troubleshooting.

Infosolution LLC

Cloud DevOps Engineer 09/2018 - 01/2022

- **Orchestrated** full-lifecycle infrastructure on Azure & AWS using Terraform and ARM templates, slashing environment provisioning time by 60%.
- **Automated** privileged access workflows with CyberArk, enforcing least-privilege IAM policies and attaining 100% audit compliance.
- **Engineered** CI/CD pipelines in Azure DevOps and GitHub Actions—integrating JFrog Artifactory for robust artifact versioning and SonarQube for microservices security and quality gates—boosting deployment reliability by 30% and cutting failed deployments by 30%.

- **Integrated** a unified observability stack (ELK, Grafana, Sentinel, Splunk, Arbor, Rapid7), reducing incident detection time by 50%.
- **Migrated** monolithic Java & React applications to Kubernetes-based microservices, driving a 25% reduction in monthly cloud spend.

Key Skills & Technologies

- **Cloud and IaC:** AWS (S3, Lambda, EC2, CloudFront, EKS, RDS), Azure (IaaS, PaaS, ARM Templates, Blueprints, Policy, Artifacts and JFrog), (GCP), Terraform, ARM, vRA, Ansible
- **Containers and Orchestration:** Docker, Kubernetes, Helm, AKS, EKS
- **CI/CD and Automation:** Jenkins, Azure DevOps, GitHub Actions, CI/CD best practices, DORA Metrics
- **Monitoring and Observability:** ELK Stack, Prometheus, Grafana, Datadog, Splunk, Arbor, Rapid7
- **Security and IAM:** SonarQube, CyberArk, Azure IAM, PKI/RADIUS
- **Programming and Frameworks:** Java (4yrs), JavaScript/TypeScript(5+yrs), Python(4yrs), C#(3yrs)
- **Frontend:** React.js, MobX, Next.js, Vue.js, Angular, Tailwind CSS, Redux
- **Backend:** Node.js, Express, NestJS, Spring Boot, Java/Kotlin, Redis, GraphQL, REST APIs
- **Databases:** PostgreSQL, MySQL, MongoDB, NoSQL, MSSQL
- **Methodologies:** Agile (ClickApp, Miro, Scrum, JIRA), SDLC, Cloud-Native, DevSecOps, TDD, Performance Optimization
- **UX/UI Design:** Figma, Sketch, Wireframing, Prototyping, User-Centric Design, Accessibility (WCAG)

EDUCATION

Gannon University 08/2023 - 05/2025

Master of Science in Computer Science, GPA: 3.8/4.0 Erie, PA

Mongolian University of Science and Technology 09/2011 - 12/2016

Bachelor of Science in Computer Science, GPA: 3.6/4.0

CERTIFICATIONS AND AWARDS

- **AWS Cloud Practitioner** 10/2023 – 10/2026
- **Oracle** Certified Foundations Associate, Database
- **Employee of the Year**, Infosolution LLC, 2019
- **3rd place:** Haruul Zangi 2017 - National Cyber Security Competition:)