

# Davaakhatan Zorigtbaatar

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## PROFESSIONAL SUMMARY

Full-Stack and DevOps Engineer with 6+ years of experience designing and deploying scalable, high-availability applications and infrastructure. Spearheaded Docker and Kubernetes microservices on AWS EC2, EKS, and RDS, reducing outages by 40% and maintaining 99.9% uptime for a customer-facing banking platform with 100K+ users. Automated CI/CD pipelines using GitHub Actions and Terraform, cutting release cycles by 50% and lowering infrastructure costs by 25%. Proficient in React.js, Node.js, Java Spring Boot, SQL and NoSQL database design, with a track record of mentoring 4- to 6-person teams to deliver secure, enterprise-grade solutions.

## CORE SKILLS & TECHNOLOGIES

React.js, AngularJS, JavaScript, TypeScript, Python, Flask, Java Spring Boot, Node.js, Express.js, MySQL, PostgreSQL, MongoDB, Redis, Docker, Kubernetes, AWS, Azure, Terraform, Git, GitHub Actions, Jenkins, Ansible, CI/CD

## WORK EXPERIENCE

### Erie Technology Incubator Inc | Full-Stack Developer (PT)

Jan 2025 – May 2025

- Engineered React.js dashboards with MobX.js state management, cutting front-end defects by 30% and accelerating feature development.
- Built Node.js microservices and integrated Redis caching, reducing API response times by 40% and offloading 60% of database reads.
- Deployed and managed containerized services on AWS EC2 (with autoscaling), achieving 99.9% uptime and optimized resource utilization.
- Crafted end-to-end CI/CD workflows using GitHub Actions, automating build/test/deploy processes to halve release cycle time.
- Tuned SQL and NoSQL schemas and queries to boost data retrieval speeds by 25%, driving smoother analytics and reporting.

### Gannon University | Graduate Assistant (PT)

Feb 2024 – May 2025

- Developed and launched a MERN-stack application that automated academic workflows, reducing manual admin tasks by 30%.
- Directed React frontend features and built secure Node.js, Express.js APIs, increasing system reliability and developer productivity.
- Architected MongoDB schemas and integrated CI/CD with automated unit tests, accelerating deployments and improving code quality.

### Khan Bank | Full-Stack Developer

Jan 2022 – July 2023

- Designed and delivered mobile banking features using AngularJS frontends and Java Spring Boot services, enhancing user engagement.
- Transformed monolithic systems into Kubernetes-orchestrated microservices, boosting availability and reducing outages.
- Developed OAuth2-secured APIs and integrated Azure Key Vault for encrypted credential management.
- Led end-to-end launches of the Online Credit Hub and Loan Origination System, meeting compliance goals and optimizing throughput.
- Automated Kafka & Zookeeper provisioning with Ansible, cutting environment setup time and eliminating resource conflicts.

### Infosolution LLC | Software Security Engineer

Sep 2017 – Jan 2022

- Built and fortified internal platforms for finance and security operations, enhancing monitoring and automated reporting.
- Automated log parsing, anomaly detection, and compliance audits in Python/PowerShell, reducing manual processing time by 40%.
- Orchestrated infrastructure provisioning and server hardening with Terraform and Ansible, boosting environment consistency.
- Developed SharePoint intranet portals and Power BI dashboards, delivering real-time KPIs and driving data-informed decisions.
- Created React.js, AngularJS admin dashboards for threat-feed visualization and access-control logging, shortening incident response cycles.
- Deployed secure cloud applications on AWS and Azure, enforcing IAM policies, optimizing costs, and overseeing penetration testing.

## EDUCATION

Master of Science in Software Engineering, Gannon University | GPA: 3.8/4.0

Aug 2023 – May 2025

Bachelor of Science in Computer Science, Mongolian University of Science and Technology

Sep 2011 – Dec 2016

## CERTIFICATIONS

- AWS Cloud Practitioner
- Microsoft 365 Certified Fundamentals
- Microsoft 365 Certified: Enterprise Administrator Expert