

## DAVAAKHATAN ZORIGTBAATAR

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### Education

#### Gannon University, Erie PA

*Master of Software Engineering*

(Expected June 2025)

- Current GPA: 3.9/4.0

#### Mongolian University of Science and Technology, UB, Mongolia

*Bachelor of Computer Science in Systems Security Engineering*

(December 2016)

### Work Experience

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#### Graduate Research Assistant

*Gannon University, Erie PA, US*

(February 2024 - Present)

- Spearheaded the development of an **Academic Planning Automation Tool** to streamline course planning processes for faculty.
- Collaborated with faculty to gather requirements and design automated solutions for course scheduling and catalog management.
- **Technologies Used:** Express.js, JavaScript, HTML, CSS, Git, MongoDB

#### DevOps Engineer

*Khan Bank, UB, Mongolia*

(2022 – 2023)

- Led **Azure-based cloud-native environment deployments** and optimized CI/CD pipelines with Jenkins and Azure.
- Enhanced API security, and managed Kubernetes clusters using Mirantis.
- Improved system observability with ELK, Datadog, and Grafana, driving performance and reliability.
- **Key Projects:**
  - OCH Containerization: Improved deployment efficiency.
  - LOS Containerization: Streamlined project deployment.
  - DORA DevOps KPI Implementation: Established performance metrics.
  - vRA and Ansible Automation: Enhanced operational workflows.

#### Information Security Engineer / Security Assessment Consultant

*Infosolution LLC, UB, Mongolia*

(2017 – 2022)

- Fortified digital assets as a **Microsoft 365 Security Expert** and implemented DDoS protection as an **Arbor DDoS Administrator**.
- Conducted thorough penetration tests and provided actionable recommendations for system improvements.
- **Technologies Used:** CyberArk PAM, Microsoft 365, Pentest tools

### Technical Skills

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- **Programming Languages:** Java, Python, C#, JavaScript, React, MongoDB, Firestore
- **DevOps Tools:** Kubernetes, Docker, Git, Ansible, Jenkins
- **Monitoring & Logging:** ELK, Datadog, Grafana
- **Cloud Platforms:** Azure, AWS
- **Automation:** vRA, Ansible
- **Security:** Penetration Testing, Microsoft 365 Security
- **Other Tools:** Figma, Notion, Android Studio, VS Code, IntelliJ IDEA

### Certifications

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- M365 Certified Enterprise Administrator Expert
- M365 Certified: Security Administrator Associate
- AWS Certified Cloud Practitioner
- Oracle Certified Foundations Associate, Database