

Michael Sorensen

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Utilizing my skills in IT to help develop the future with excellent work ethics and integrity in a team environment

Experience

Great West Casualty Company, South Sioux City, NE

Systems Developer II: July 2024 – Present

- Developed and maintained IBM Cloud Pak for Business Automation platform and integrations with adjacent systems using Java, SQL, PowerShell, Bash, JavaScript and Dojo
- Wrote Bash scripts to streamline functions in OpenShift, including a log collection tool to gather container-level and file system logs, improving debugging efficiency
- Acquired OpenShift and Kubernetes skills through independent learning and formal training, bringing this skill set in-house and reducing reliance on external vendors, resulting in significant cost savings for the organization
- Developed a Go-based reporting tool that analyzed failed document processes. Queried MSSQL and Snowflake databases to validate claim numbers and ensure metadata accuracy

University of South Dakota, Vermillion, SD

Network Engineer: July 2023 – July 2024

- Deployed and maintained an enterprise-grade Cisco network infrastructure consisting of switches, firewalls, and access points
- Implemented an automated system for TLS certificate requests, renewals, and installation on IIS, and Tomcat servers running on Windows Server and Linux systems
- Managed AD and Entra ID users, computers, groups, and group policy to provision staff and applications with appropriate access to university IT resources
- Implemented a privileged access management platform and migrated secrets from the previous solution
- Configured and managed Linux and Windows servers in a VMware vSphere cluster
- Leveraged PowerShell scripting to automate tasks for daily and project work

Skills

- **Containerization & Orchestration:** Kubernetes, OpenShift, Docker, Helm, Kustomize
- **Automation & Scripting:** Bash, PowerShell, YAML, Ansible (basic experience)
- **Programming:** Java, JavaScript, SQL, Go
- **CI/CD Tools:** Jenkins, Maven, Rational Team Concert, Git
- **Platforms & Systems:** Red Hat Linux, Windows Server, VMware vSphere
- **Networking & Security:** Cisco network infrastructure, Active Directory, TLS certificates

- **Certifications:** AWS Solutions Architect Associate, ISC2 Certified in Cybersecurity, Red Hat OpenShift Administration I: Operating a Production Cluster (DO180) Course Attendance, Red Hat OpenShift Administration II: Configuring a Production Cluster (DO280) Course Attendance – In Progress

Education

St. Cloud State University, St. Cloud, MN

MS Information Assurance

Course Highlights: Database Application Security, Cryptographic Protocols, Digital Forensics & Ethics, Wireless Networks, Cloud Networking, Intrusion Detection & Prevention, Security Policy & IT Risk Management

St. Cloud State University, St. Cloud, MN

BS Information Systems

Course Highlights: Info Systems Strategy & Acquisition, Security Policy Design, Application Development, Database Administration, Discrete Mathematics, IT Infrastructure, Unix OS, Computer Networks, Enterprise Architecture, Systems Analysis & Design, Decision Support Systems