Michael Sorensen

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Experience

Systems Developer II, Great West Casualty – South Sioux City, NE   July 2024 – Present
- Developed within and maintained an IBM Cloud Pak for Business Automation platform and integrations with adjacent systems to enable seamless system interactions, and serve over 1400 users
- Developed solutions that interfaced with multiple enterprise APIs, such as FileNet and Guidewire, using Java, SQL, PowerShell, and JavaScript
- Wrote Bash scripts to streamline functions in OpenShift, including a log collection tool to gather container level and file system logs, improving debugging efficiency
- Administered enterprise OpenShift clusters by supporting application uptime, troubleshooting deployments and operators, managing storage migrations, automating routine tasks, responding to incidents, and investigating root causes through log analysis
- Built a RESTful Spring Boot API to validate user submitted identifiers in real time by querying internal systems and integrated it with a document upload plugin to help ensure accurate data

Network Engineer, University of South Dakota – Vermillion, SD   July 2023 – July 2024
- Deployed and maintained an enterprise-grade Cisco network infrastructure consisting of switches, firewalls, routers, and over 2000 wireless 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

- **Languages:** Java, SQL, JavaScript, Bash, PowerShell
- **Technologies:** Kubernetes, OpenShift, Docker, Podman, Helm, Kustomize, Jenkins, Maven, Git, Eclipse, JUnit testing, Postman, REST APIs, MSSQL, Snowflake, IPv4 Networking
- **Certifications:** Red Hat OpenShift Certified Application Developer (EX288), Red Hat OpenShift Certified Administrator (EX280), Red Hat Certified Specialist in Containers (EX188), AWS Solutions Architect Associate, ISC2 Certified in Cybersecurity

Education

St. Cloud State University – MS Information Assurance   Dec 2022
St. Cloud State University – BS Information Systems   May 2021