

# Michael Sorensen

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## Experience

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| <b>Systems Developer II</b> , Great West Casualty – South Sioux City, NE   | July 2024 – Present   |
| <ul style="list-style-type: none"><li>• 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</li><li>• Developed solutions that interfaced with multiple enterprise APIs, such as FileNet and Guidewire using Java, SQL, PowerShell, and JavaScript</li><li>• Wrote Bash scripts to streamline functions in OpenShift, including a log collection tool to gather container level and file system logs, improving debugging efficiency</li><li>• 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</li><li>• 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</li></ul> |                       |
| <b>Network Engineer</b> , University of South Dakota – Vermillion, SD  | July 2023 – July 2024 |
| <ul style="list-style-type: none"><li>• Deployed and maintained an enterprise-grade Cisco network infrastructure consisting of switches, firewalls, routers, and over 2000 wireless access points</li><li>• Implemented an automated system for TLS certificate requests, renewals, and installation on IIS, and Tomcat servers running on Windows Server and Linux systems</li><li>• Managed AD and Entra ID users, computers, groups, and group policy to provision staff and applications with appropriate access to university IT resources</li><li>• Implemented a privileged access management platform and migrated secrets from the previous solution</li><li>• Configured and managed Linux and Windows servers in a VMware vSphere cluster</li><li>• Leveraged PowerShell scripting to automate tasks for daily and project work</li></ul>   |                       |

## Skills

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- **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 Administrator (EX280), Red Hat Certified Specialist in Containers (EX188), AWS Solutions Architect Associate, ISC2 Certified in Cybersecurity

## Education

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