

Korey Karch

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Information Technology Specialist

- Information Technology professional with a long history of personal experience and interest in information technology combined with a successful academic background.
- Specialized in administration, troubleshooting, and security of enterprise Linux systems.
- Knowledge of DevOps concepts and tools that can streamline and simplify an organization's IT processes - reducing human error and overhead.

WORK EXPERIENCE

DataSeers

2022-Current

IT Operations Analyst

Alpharetta, GA

- Responsible for installing and configuring the organization's tech stack onto enterprise-grade servers – using advanced Linux commands to increase efficiency and limit potential for error.
 - Implemented industry-standard cybersecurity practices on production servers:
 - Hardened Ubuntu and Red Hat servers according to CIS benchmark profiles
 - Optimized Iptables rules to filter unwanted network traffic
 - Installed process/service monitoring software onto servers
 - Created shell scripts & scheduled cron jobs to increase efficiency and limit the need for manual interaction
 - Utilized alerting software to ensure proactive monitoring of system resources and processes
 - Set up and configured an onsite NAS to facilitate increased data redundancy and cold-storage options
 - Significantly overhauled existing IT infrastructure processes by designing and implementing a DevOps-based approach to server & application provisioning via **Ansible**.
 - Using ansible playbooks, I was able to turn a multi-day, error prone process into the click of a button – bringing up a production server from fresh to provisioned and hardened in less than an hour
 - In charge of deploying product version updates and major code changes to production environment.
 - Aided in migrating servers in multiple environments from EOL Centos8 to Ubuntu server.
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- Consistently maintained a focus on documentation and professional communication, facilitating the establishment of structured standards and practices.

eBryIT

2021 - 2022

Configuration Technician

Kennesaw, GA

- Responsibilities include imaging client workstations and laptops, configuring BIOS settings according to client specifications, executing bash scripts to perform system operations like backing up and formatting drives, mounting partition images, setting file permissions, etc., managing inventory/order volume using Microsoft Excel

EDUCATION

Kennesaw State University

May 2022

Bachelor of Science in Information Technology with concentration in Enterprise Systems, Magna Cum Laude

- Named to the President's List (4.0 GPA)

SKILLS & STRENGTHS

Technical Skills:

- RedHat/Debian Linux (Strong knowledge of OS-level as well as kernel-level operation)
 - Shell Scripting
 - Automation & DevOps (Ansible, Jenkins, Git)
 - Programming (Python, Java, Bash)
 - Databases (MySQL)
 - Troubleshooting hardware/software (Computer assembly & repair, network equipment)
 - Provisioning enterprise server applications on a variety of operating systems (Windows, Linux, MacOS)
 - Virtual Machines & Cloud Computing (AWS, Azure, VMWare)
 - Networking – VLAN management, firewall administration, network monitoring
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- **Key Strengths:** Strong communication skills, ability to thrive in team based as well as individual environments, finely tuned research and reporting skills, punctuality, and organization.