

Jennifer Thomas

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Summary

Cloud engineer with experience in Amazon Web Services (AWS) and other public cloud platforms. Expertise in cloud administration. Passionate about leveraging cloud technologies to improve the agility and efficiency of businesses.

Experience

Company A, AWS Cloud Engineer

- Managed AWS accounts, including the setup and configuration of EC2 instances, RDS databases, VPCs, IAM roles, and distributions, Route53 hosted zones & health checks.
- Developed automation tools to streamline infrastructure deployment processes using Python or Bash scripts.
- Provided technical expertise in designing solutions that leverage cloud services such as Amazon Web Services.
- Participated in design discussions regarding new projects and enhancements to existing systems and applications.
- Assisted with troubleshooting issues related to application deployments on AWS environments and assisted with monitoring and logging deployed on AWS environments.

Company B, AWS Cloud Engineer

- Created a monitoring system to track the status of all AWS resources, including EC2 instances and RDS databases.
- Implemented Auto Scaling Groups for increased capacity using CloudFormation templates in conjunction with IAM roles.
- Reduced average response time by 50% through automation of manual processes using Ansible playbook.
- Improved security posture by implementing multi-factor authentication (MFA) on all administrator accounts.
- Conducted regular audits of infrastructure to ensure compliance with internal policies and industry regulations.

Company C, Systems Administrator

- Installed, configured, and maintained servers, workstations, and other network devices.
- Monitored system performance and identified and resolved issues in a timely manner.
- Created and maintained documentation for network infrastructure and procedures.

Education

Northwestern University

M.S. in Cloud Computing and Services

University of Illinois at Urbana-Champaign

B.S. in Computer Science

Certifications

- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified SysOps Administrator – Associate