

Colin Shanahan

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WORK EXPERIENCE

RDGFilings

Oct.

2022 - Present

Devops Engineer

Remote/Onsite

- Architected Azure DevOps CI/CD pipelines, migrating legacy workflows from Octopus Deploy and Jenkins to Azure, reducing release cycles by 40% and improving deployment reliability.
- Designed and provisioned Azure infrastructure, including Container Apps, Function Apps, Virtual Machines, and Key Vault, enabling scalable, secure environments for enterprise applications.
- Authored Terraform and Bicep scripts to automate infrastructure provisioning, replacing GCP-based systems and ensuring consistent, repeatable deployments.
- Collaborated with engineering and product teams to define operational requirements, aligning DevOps processes with business needs in an Agile environment.
- Contributed to HIPAA compliance initiatives for a child company, implementing secure configurations and documenting processes to meet regulatory standards.
- Mentored junior engineers and development teams on Azure DevOps best practices, fostering a collaborative team culture and enhancing knowledge-sharing.

American Electric Power (AEP)

Jun.

2019 - Oct. 2022

Infrastructure Engineer

Roanoke, Va

- Led onsite team in managing critical infrastructure, including Oracle databases and Windows servers, ensuring 99.9% uptime for restoration-focused applications.
- Designed and implemented failover systems for critical infrastructure using Azure DevOps, enabling rapid recovery and minimizing downtime during outages.
- Documented system configurations and collaborated with cross-functional teams to troubleshoot issues, contributing to a positive, solution-oriented work culture.

1901 Group

May.

2015 - Jun. 2019

Systems Administrator/Help Desk Lead

Blacksburg, VA/Washington DC

- Deployed Microsoft Intune for endpoint management, streamlining device configuration and improving security compliance across the organization.
- Performed networking tasks, including firewall maintenance, DNS configuration, and switch management, ensuring secure and reliable infrastructure.
- Served as a mid-level escalation point for server and system issues, resolving complex technical problems and mentoring junior team members.
- Documented processes and configurations, enhancing operational efficiency and supporting team knowledge-sharing in a collaborative environment.
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EDUCATION

Ferrum College

May, 2015

B.S. Computer Science

Ferrum, VA

Relevant Coursework: Cloud Computing, Cybersecurity, Networking, Software Engineering

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** Microsoft Azure Administrator (AZ-104) | 2025, Microsoft Azure Devops Engineer (AZ-400) | 2025, AWS Solution Architect, AWS Certified Developer, Security +, ITIL
- **Technologies:** Git, Cloud Technologies (Azure, AWS, GCP), Jira, Jenkins, Containerization, IAC (Terraform/CloudFormation/Bicep)
- **Skills:** Strategic Planning; Hiring; Collaborative; Technical Documentation
- **Interests:** Camping; Traveling; Sports; Reading; History