

Chris V

DevOps & Cloud Engineer

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PROFESSIONAL SUMMARY

- Microsoft Certified DevOps Engineer with 5+ years of experience in Cloud, DevOps, CI/CD & automation.
- Specialized in deployment automation using Docker, GitHub Actions, CI/CD, Kubernetes, networks and IAM.
- Excellent communication skills, strong problem-solving and troubleshooting abilities, teamwork and collaboration skills, ability to handle multiple evolving priorities, expertise in documentation, as well as strong mentoring skills.

TECHNICAL SKILLS

- **Containerization:** Docker, Kubernetes, OpenShift.
- **DevOps CI/CD:** GitHub Actions, Jenkins, Azure DevOps, AWS Code Pipeline
- **IaC Automation:** Terraform, Ansible, Chef, Bash Scripting, PowerShell, Python.
- **Public Cloud:** AWS (EC2, EKS, VPC, RDS, S3, Lambda, Route 53, CloudFront, CloudWatch); Microsoft Azure (VMs, Functions, AKS, Azure DevOps, VNet, Entra ID, Azure Monitor).
- **Monitoring & Security:** Azure Monitor, Application Insights, Prometheus, Grafana, AppDynamics, ServiceNow.
- **Programming:** Git, Version Control Systems, SQL, MongoDB.
- **Development Methodology:** Agile, Scrum, Blue/Green deployments, JIRA, Software Development Lifecycle.
- **Network Protocols:** VPC, Load Balancer, Subnetting, Firewall, TCP/IP, DNS, NAT Gateway, VPN, Routing.
- **IDE:** Visual Studio, Atom

WORK EXPERIENCE

DevOps Engineer | Capgemini Technologies [Permanent Full-time]

Aug 2019 - Dec 2024

Tech: Docker, K8s (AKS), OpenShift, Jenkins, Azure DevOps, CI/CD, Chef, Linux, Scripting, ServiceNow, Prometheus, AppDynamics

- Implemented Docker containerization strategies for production applications and microservices architecture, integrating Jenkins for CI/CD to enable continuous improvement and accelerate delivery onto K8s clusters.
- Designed enterprise-grade infrastructure solutions, incorporating DevOps practices for capacity planning, networking, storage, middleware, and cloud services (Azure), including security, high availability, disaster recovery, and load balancing.
- Automated infrastructure provisioning and configuration management using Python, Bash scripting, Chef cookbooks, and BladeLogic. Streamlined service deployments for Redis, RabbitMQ, and MongoDB, receiving client appreciation for operational improvements.
- API development (NodeJS) and deploy leveraging serverless architecture and integrated automated workflows.
- Enhanced infrastructure reliability through monitoring solutions with Log Analytics, Prometheus, and Grafana, while collaborating with cross-functional teams to conduct Root Cause Analyses (RCAs) and triage issues using AppDynamics, Grafana, Prometheus, and Splunk, driving continuous improvement and reducing costs by 25% through resource optimization.
- Streamlined the software release process by building a robust automation workflow for testing & release pipelines, which accelerated service delivery timelines by 30%.

EDUCATION

- **M.Eng. in Information Systems Security** | Concordia University [GPA: 3.97] 2023 – 2024
- **B.Tech. in Electronics and Communications** | Delhi Technological University [First Class] 2015 - 2019

CERTIFICATIONS

- Microsoft Certified: DevOps Engineer Expert [AZ-400]
- GitHub Actions
- Microsoft Certified: Azure Administrator Associate [AZ-104]
- General Practitioner: IBM Cloud Pak for Business Automation

PROJECTS

- Automated CI/CD Pipeline for Scalable Microservices Deployment
- Investigating Use of Certificate Pinning for Network Security
- Studying Network Attacks using OpenStack

AWARDS & RECOGNITION

- Annual & Beyond Award [Capgemini Technologies]
- Honorary Lifetime Member at Golden Key International Honor Society [Concordia University]