

Vishwateja Gorumanthula

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Summary

IT professional with over 5+ years of experience optimizing systems, supporting infrastructure, monitoring, and improving performance efficiency. Highly proficient in working with Infrastructure components, AWS DevOps, and application testing. Experienced in AWS DevOps, CI/CD automation, cloud infrastructure, and scripting. Master's degree holder with a passion for DevOps practices, system optimization, and cloud-native technologies. Experienced in automating workflows, deploying infrastructure using code, and building reliable pipelines in agile environments.

Technical Skills

- **Programming/Scripting:** Python, Bash, PowerShell
- **Build Tools:** Jenkins, GitHub Actions, Terraform, Prometheus, Grafana
- **Scripting/ Operating Systems:** Linux, Windows
- **Tools & Platforms:** Apache Tomcat, Athena, Redshift
- **Environments/Containerization tools:** QA, UAT, Production, Docker
- **Orchestration Tool:** Kubernetes, AWS S3, EC2, CloudWatch, CloudFormation, Helm Charts
- **DevOps & Version Control:** Git, CI/CD, Agile, Splunk, Bitbucket
- **Cloud Platforms:** AWS (IaaS, PaaS, SaaS), Azure
- **Infrastructure & Tools:** Linux, Eclipse, Visual Studio
- **Framework:** Django

PROFESSIONAL EXPERIENCE

Freelance Remote [US]

(August 2025 – Still)

Technologies: Azure, Git, Bitbucket, Terraform, Azure DevOps, ARM, Azure Automation, ASR

- Configured Azure-based DR environments using Azure Site Recovery and ARM Templates, ensuring seamless failover for critical applications.
- Automated DR setup and recovery processes with Terraform and Azure Automation, reducing manual configuration time by 30%.
- Led DR testing with Azure Chaos Studio and Azure Monitor, validating failover processes and logging results for continuous improvement.
- Monitored DR environment health using Azure Log Analytics and Microsoft Defender for Cloud, addressing gaps to meet compliance standards.
- Provided detailed DR initiative reports and using Microsoft Excel and driving strategic decision-making.

Freelance Remote [US]

(March 2025 – June 2025)

- I delivered infrastructure automation using Terraform for both hybrid cloud and on-premises setups to deploy scalable, repeatable environments.
- I also designed and implemented Disaster Recovery (DR) strategies, which included executing tests and documenting the processes. Managed end-to-end technical deployment and automation of Disaster Recovery (DR) environments for cloud and hybrid infrastructures.
- Crafted and executed DR strategies, such as planning, test execution, validation, and comprehensive documentation.
- Automated DR runbooks to avoid manual recovery steps and minimize RTO/RPO.
- Developed and maintained AWS CDK constructs for common infrastructure patterns, enabling rapid deployment of new services and improving developer productivity
- Configured and managed servers, databases, and applications on Linux, Windows, and multi-cloud environments.
- Worked closely with Infra and App teams to provide DR integration to storage, compute, and network layers.
- Intensively interacted with stakeholders and senior management to brief them on DR readiness and posture.

AWS DevOps Engineer, Sambav EHR Pvt Ltd, Hyd

(March 2021- January 2025)

Technologies: GIT, Jenkins, SVN, AWS, SNS, SQS, S3, Terraform, AWS DevOps, GitHub Actions, CI/CD, Linux, Windows Server R2
Responsibilities:

- Deployed on-premises AWS DevOps servers for AWS cloud deployments.
- Worked on Splunk to track, search, analyse, and display real-time machine-generated data. Processed, converted, and explored vast amounts of data using Python, Scala, SQL, AWS Lambda
- Integrated Git repositories, security, policies, AWS cloud infrastructure administration and support.
- Developed infrastructure as code using Terraform and CloudFormation, achieving 95% infrastructure automation and reusable Terraform modules for standardized resource provisioning, reducing deployment time by 60%
- Utilized Ansible to automate the configuration of small form factor Linux servers and ensuring **network configuration** was optimized. Implemented Python scripts for infrastructure monitoring and automated remediation, reducing system downtime by 30% with an emphasis on being **detailed oriented**.

- Architected for a multi-region, self-healing infrastructure using AWS Global Accelerator and Route 53, reducing global latency by 40% and achieving 99.999% uptime for a Fortune 500 e-commerce platform.
- Improving team collaboration and code quality Migrated legacy SVN repositories to Git, streamlining the development workflow Implemented code review processes and automated testing workflows, reducing production issues by 45%
- Implemented automated backup and recovery procedures, reducing data loss risks Optimized database performance through query optimization and index management and routine system maintenance tasks using Shell scripts and Python. Maintained system documentation and standard operating procedures
- Containerized legacy applications using Docker, improving deployment consistency and reducing environment-related issues by 70%. Created and optimized Docker files for multiple microservices, reducing container image sizes by 40%
- Developed CI/CD pipelines for containerized applications, reducing deployment time from hours to minutes, adhering to **Agile** practices.
- Worked with services like EC2, S3, VPC, SQS, SNS, VPC, CloudWatch, IAM, Cloud Trail, CloudFormation, etc.,
- Architected and implemented a robust notification system utilizing AWS SNS for publishing alerts and SQS for reliable message queuing, ensuring critical event delivery to downstream services

AWS NOC Engineer at Abhyudaya HR Business Solutions, Hyderabad, TG

(April 2019 - October 2020)

Technologies: GIT, Jenkins, AWS S3, EC2, CloudWatch, Windows Server R2

Responsibilities:

- We Work as part of a team and provide 24X7 supports to our client when they required. General technical trouble shooting and giving consultation to Back-office team, Logging employee queries for their use of application, id for new user and modification users rights.
- Managed **network configuration** of folders using FTP, NFS. Cleaned up the servers in the Monitoring Tool on a daily basis. Fault handling and escalation to Level 2 Engineers. Managed servers with Windows 2012 R2 Active Directory, File Servers & Antivirus, and all desktops with Windows 10. Worked on application servers like Apache Tomcat.
- Optimized Active Directory management and user administration processes, improving system access efficiency and reducing onboarding time by 40% within 3 months.
- Utilizing Active Directory and Windows Server 2012 R2, decreasing incident resolution time by 15% and improving overall system stability for 500+ users.

Education

MCA (Master of Computer Applications) in Avanthi PG College (September 2020 – August 2022)