Pruthvi Patel

✉ pruthvivpatel45@gmail.com 📱 4372671345 🔗 in/pruthvi-pvp

SUMMARY

Results-driven DevOps Engineer skilled in automation, cloud infrastructure, and CI/CD. Experienced in Azure, Kubernetes, Terraform, and PowerShell, with a focus on efficiency, compliance, and team mentoring.

EXPERIENCE

DevOps Engineer

Government of Ontario   **January 2025 - Present, Toronto, ON**

· Troubleshot 50+ Azure Virtual Machines (VMs) with Snow Agent issues across PROD, UAT, and IST environments, ensuring stability and uptime.
· Authored detailed troubleshooting guides on Snow Agent and patching failures, training the team on incident remediation and best practices.
· Resolved critical patching failures on 50+ Azure PROD VMs, maintaining compliance and minimizing downtime.
· Mentored co-op students on Azure DevOps, automation, and incident resolution, fostering technical growth and team efficiency.
· Developed and documented PowerShell automation scripts that reduced manual effort and improved operational efficiency.
· Remediated 40+ Windows VMs and EC2 instances affected by Microsoft WinVerifyTrust Signature Validation vulnerability on Azure and AWS.

Automation Developer Co-op

Government of Ontario   **September 2024 - December 2024, Toronto, ON**

· Developed PowerShell scripts to automate identification of Traffic Managers in PROD and classification of Virtual Machines (VDI/non-VDI).
· Implemented TLS 1.2 security upgrade across 2,400+ storage accounts, eliminating vulnerabilities and enhancing compliance.
· Resolved break/fix tickets in the DEV and IST environments, improving system uptime and reliability.
· Addressed WireShark security vulnerabilities on Azure Virtual Machines by working with clients to implement fixes.
· Supported FinOps by deallocating unused VMs, resulting in cost savings.
· Managed VM inventory and Snow Agent project troubleshooting, ensuring accuracy in reporting and infrastructure management.

Database Administrator Co-op

Government of Ontario   **May 2024 - September 2025, Toronto, ON**

· Improved backup success rates and supported SQL Server upgrades, patching, and operational reliability.
· Gained hands-on experience with Oracle Golden Gate, Data Guard, RAC, ASM, and resource optimization initiatives.

PROJECT

CI/CD for Node.js App| Docker, Azure DevOps, Azure App

github.com/pvp-45/MetropolitanMusuemOfArtCollections
· Built a CI/CD pipeline using Azure DevOps to automate Dockerized Node.js app deployment to Azure App Services.
· Implemented Infrastructure as Code (IaC) with YAML and Docker; set up a custom Azure agent to improve pipeline performance.
· Secured resources using Managed Identity, and enabled monitoring through Azure Monitor.

Terraform AWS Web Server Setup| AWS, Terraform

github.com/pvp-45/Terraform-AWS-Setup
· Automated deployment of an Apache web server using Terraform, demonstrating Infrastructure-as-Code (IaC) principles.
· Provisioned VPC, subnets, EC2 instance, and networking for secure, scalable cloud infrastructure.
· Highlighted ability to build reusable Terraform scripts for AWS infrastructure.

Kubernetes Web App Deployment | Kubernetes, Minikube, MongoDB, YAML [ViewCode]

github.com/pvp-45/k8s-mongo-deployment
· Deployed a containerized web app with MongoDB using Minikube.
· Designed manifests for ConfigMaps, Secrets, Deployments, and Services to ensure secure communication.
· Applied SRE practices to manage resources and enhance cluster reliability.

SKILLS

· **Programming Languages & Technologies:** Python, C, C++, Java, JavaScript, Bash, PowerShell, Unix/Linux
· **Cloud & DevOps:** Docker, CI/CD Pipelines
· **Azure:** DevOps, App Services, Logic Apps, Monitor, CLI
· **Automation:** Ansible, Terraform, YAML, GitHub Actions
· **Web Development & Frameworks:** Node.js, Express.js, React, Next.js, Bootstrap

- **Database:** MSSQL, Oracle SQL, PostgreSQL, MongoDB
- **Version Control:** Git, GitHub, Azure DevOps Repo
- **Collaborative Tools:** MS Office365, Power BI, Azure DevOps Board, ITIL Practices, JIRA, SharePoint

EDUCATION

Advanced Diploma in Computer Programming and Analysis
Seneca Polytechnic · Toronto, ON · 2025 · 3.9 GPA
· 3 President's Honor List Awards for 4/4 GPA