

# TANMAYA CHOUDHURY

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 Portfolio: [Website](#)

 GitHub: [GitHub](#)

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## PROFILE SUMMARY

Cloud & DevOps Engineer with hands-on experience in infrastructure automation, Windows Server & virtualization management, and Azure infrastructure provisioning. Proficient in Terraform, Ansible, Kubernetes, and Azure DevOps.

## EDUCATION

**B.Sc. in Information Technology Management** | Cuttack | 2020 – 2023

## SKILLS

Technical Skills: Cloud Computing (Azure), Infrastructure as Code (Terraform), Configuration Management (Ansible), Containerization (Docker, Kubernetes), Server Administration (Linux, Windows Server), Scripting (PowerShell), Networking, Monitoring (Prometheus, Grafana), Version Control (Git)

## EXPERIENCE

**Accenture** — Kolkata

*Windows Server Administrator & Virtualization Engineer* | June 2023 – Present

Key Responsibilities:

- Managed a hybrid infrastructure of Windows Server 2008–2022.
- Ensure operational continuity through patching, upgrades, virtualization management, and high availability setup.
- Performed server upgrades, decommissioning, VMware vCenter cluster maintenance, Citrix and Hyper-V administration, and system/network troubleshooting.
- Reduced downtime incidents by 30% and improved operational efficiency.

## PROJECTS

### **AWX Deployment Using AWX Operator and Helm**

Tools: Kubernetes, Helm, AWX, Ansible

Highlights: Deployed AWX on Kubernetes, resolved deployment issues, automated service exposure, and documented operational runbooks.

### **AKS Cluster Infrastructure Deployment using Terraform**

Tools: Azure, Terraform, Azure CLI, Kubernetes

Highlights: Automated Azure infrastructure provisioning (AKS, VNet, Key Vault, SPNs), resolved access issues, modularized Terraform code, and secured cluster access.

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Administrator Associate (AZ-104)
- HashiCorp Certified: Terraform Associate — 2024