

SAMPA CHOWDHURY

STORAGE & BACKUP ENGINEER

Professional Summary

Senior Storage & Cloud Backup Architect with 9+ years of experience designing resilient data protection, cloud archival, and DR automation solutions. Specialized in Rubrik, NetBackup, Avamar & Veeam and NetApp CVO, Dell EMC, and hybrid cloud architectures across AWS and Azure. Proven ability to modernize storage platforms, reduce RTO/RPO, and deliver secure, compliant, and scalable enterprise backup strategies.

Core Competencies

- ✓ Backup Architect & DR Strategy
- ✓ NetApp ONTAP & Cloud Volumes (CVO)
- ✓ EMC Unity/PowerMax/PowerStore
- ✓ Hybrid Cloud Data Protection
- ✓ Data Governance & Auditing
- ✓ Cloud Archival (AWS, Azure)
- ✓ SAML SSO (Azure AD / Okta)
- ✓ Compliance, Security hardening & IAM
- ✓ Trend Analysis & Capacity Planning
- ✓ Automation (API, Webhook, Splunk)

Professional Experience

Tata Consultancy Service, Kolkata | Oct 2019 – Present

- ✓ Architected enterprise backup & DR solutions using Rubrik CDM/RSC, NetBackup, Veeam, Avamar Backup with data domain & NAS and cloud archival workflows
- ✓ Designed Backup policy for AWS EC2, AWS RDS, Azure VM, VMware, SQL, Oracle, Linux, Windows, NAS, and M365 workloads
- ✓ Implemented AWS S3 archival with IAM roles, KMS encryption, lifecycle policies, and cost-optimized retention
- ✓ Led end-to-end storage infrastructure deployment for NetApp and EMC platforms and replication policy to enable automated recovery plans and DR drills
- ✓ Integrated Rubrik with Splunk HEC for anomaly detection, SLA dashboards, and automated ServiceNow workflows
- ✓ Automated ad-hoc backup workflows by developing custom scripts using the Rubrik PowerShell module and GraphQL queries

Capgemini Technology Services, Mumbai | Apr 2017 – Sep 2019

- ✓ Managed NetApp SAN, NAS, and QNAP supporting enterprise workloads
- ✓ Designed and maintained backup and recovery solutions for mission-critical systems using Avamar and Veeam backup with data domain, tape & NAS storage
- ✓ Performed capacity planning and performance tuning across NetApp storage arrays and backup infrastructure

Key Project Highlights

- ✓ Executed multi-petabyte SAN/NAS migrations with zero downtime
- ✓ Built DR replication using SnapMirror and Unity Async Replication
- ✓ Integrated Rubrik with AWS S3 and NetApp CVO for cloud archival and NAS protection
- ✓ Managed storage and backup device upgrade, hardware replacement, tape inventory

Education

B. Tech in Electronics & Communication Engineering
B.P. Poddar Institute of Management and Technology
MAKAUT – Kolkata, West Bengal

Curriculum Year
2012 - 2016

Contact

☎ **PRIVATE**

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🌍 Kolkata, West Bengal – India

Tools

- ✓ Rubrik (CDM / RSC)
- ✓ NetBackup
- ✓ Veeam
- ✓ Avamar
- ✓ NetApp ONTAP / CVO
- ✓ Dell EMC (Unity / PowerMax)
- ✓ Brocade/CISCO SAN
- ✓ Splunk

Certificates

- ✓ Ansible Fundamental
- ✓ Rubrik Certified System Administrator

Languages

- ✓ English
- ✓ Bengali
- ✓ Hindi