DEBJIT **BISWAS**

Kolkata, West Bengal

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debjit-bws (LinkedIn)

A **strong team player** with 8+ years of experience in **taking collaborative approach to problem-solving** and **automating server infrastructures and data-centre operations** on Windows, VMware & AWS environment. **Adapting with frequently changing requirements, effectively planning, installing, configuring and optimizing** IT infrastructures to achieve high availability and performance.

Proven ability to create and deliver solutions tied to business growth, organizational development and systems/network optimization. **Skilled problem identifier,** trouble-shooter and process developer, comfortable in managing systems, projects and teams in a range of IT environments.

PRIMARY SKILLS:

- **Windows Server Administration** *(On Prem & Cloud)*
- **VMware Administration** *(vRA, vRO, Horizon)*
- **Scripting / Automation** *(PowerShell, Tanium, Ansible, BASH)*
- **Configuration Management Tools** *(Tanium, Ansible, Puppet, Ivanti, HPSA)*

- **Vulnerability Management** *(Tenable SC, Tenable IO, Rapid7)*
- **Dashboard & Report Design** *(Tanium, Dynatrace, Salesforce, Power BI)*
- **Technical Writing** *(SOP, POC, SOW)*

EXPERIENCE

AUG 2021 – PRESENT

SENIOR CLOUD INFRA ADMINISTRATOR, HYLAND

Senior Cloud Infrastructure Administrator – Internal Datacenter Management (Cloud + OnPrem)

Technical Roles:
- Manage and maintain 32,000 server(s) spread across 21 datacentre throughout the world on AWS cloud and Vmware on-prem
- Remediate vulnerabilities detected across systems by Tenable or Rapid7
- Perform monthly Security Patching on Windows, Linux and Vmware ESXi
- Create and maintain 'Golden Master' Templates for new VM deployment on VMware
- Patch baseline, deployment and configuration management using Tanium, Ivanti and ANSIBLE
- Failover Windows cluster resources for scheduled maintenance, emergency changes and troubleshooting issues
- Articulate POA (Plan of Action) document for various multi-tier projects in relation to Vulnerability Remediation, VM Migration, Automation Setup/Config, Process Streamlining
- Prepare SOP, POC, Command Set, PS Scripts for other teams to help them with faster deliverables

Scripting Roles:
- Articulate automation/deployment scripts using PowerShell for various activities on Windows, VMware, AWS, Active Directory objects, DNS, etc.
- Setup various types of automated/scheduled email reporting for Tanium, Dynatrace, Vmware, AWS and Windows infrastructure using Tanium Sensors and Packages, PS Scripts and DQL (Dynatrace Query Language)
- Prepare ANSIBLE Playbook for simple Linux operations as per requirement (including patching)
- Prepare BASH scripts for generic Linux automation

Leadership & Other Roles:
- Leading a team of 8 engineers responsible for day-to-day infrastructure administration tasks and monthly security patching across all 21 datacentres' of the organization
- Prepare various manual or automated report & dashboard to collaborate with other teams for continuous improvement to maintain BAU
- Conduct various knowledge sharing sessions inside the organization for a unified departmental growth
- Estime member of 'Hyland Tech Outreach Core Committee' which is responsible for conducting various knowledge sharing and training session across multiple colleges (physically / virtually) on trending IT Topics

NOV 2016 – AUG 2021

ASSOCIATE CONSULTANT, CAPGEMINI TECHNOLOGY SERVICES

Senior Cloud Infrastructure Engineer - US, UK and APAC Region

Key Roles:

- Update drivers and firmware on HP branded Blade & Rack Servers to mitigate issues
- Use VMware vMotion to eliminate application downtime from planned server maintenance by migrating running virtual machines between hosts
- Work on the installation of NMI drivers on HP blade ESXi servers to eliminate PSoD
- Perform cloning to duplicate VMs for seamless application mirroring
- Deployed several VMs from Templates and customized their configurations as needed
- Manage the host resources/virtual machine resource allocation (CPU, memory, hard disk, etc) and perform routine maintenance on this environment
- Provision, modify, configure & decommission ESX Hosts and ESX Clusters
- Installed several hotfixes and patches on windows servers to eliminate vulnerabilities
- Configuration Management using PUPPET (for all windows servers)
- Create Transport Rules to blacklist SPAM emails on O365
- Physical Server Setup and Administration for HP ProLiant Gen 6/7 and HP Synergy – 7000 Blades

Other Roles:

- Articulate scripts using PowerShell and PowerCLI for Windows and VMWare Infrastructure
- Articulate scripts through PUPPET (DevOps Tool) for the Windows Servers of the environment
- Analyse and introduce process improvement for client as per their technology and ITSM norms
- Prepare SOP, command set and scripts for other teams to help them with faster deliverables

VENDOR CERTIFICATIONS

JUNE 2021
MICROSOFT AZURE ADMINISTRATOR – AZ104, MICROSOFT

JUNE 2021
MICROSOFT AZURE FUNDAMENTALS – AZ900, MICROSOFT

NOVEMBER 2020
ITIL® FOUNDATION CERTIFIED IN IT SERVICE MANAGEMENT, PEOPLECERT

COURSERA CERTIFICATIONS

AWS FUNDAMENTAL SPECIALIZATION
GOOGLE IT AUTOMATION PROFESSIONAL SPECIALIZTION
TERRAFORM FOR BEGINERS
ARTIFICIAL INTELLIGENCE FOUNDATION SPECIALIZATION

EDUCATION

AUGUST 2016
B.TECH IN ECE, RCC INSTITUTE OF INFORMATION TECHNOLOGY
8.1 out of 10.0 | Electronics and Communication Engineering

APRIL 2012
HIGHER SECONDARY EDUCATION - CBSE, BHOLANANDA NATIONAL VIDYALAYA
78% | Science | Additional Subject - Computer Science

APRIL 2010
SECONDARY EDUCATION - ICSE, DON BOSCO SCHOOL