

Deepak Radhakrishnan

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EDUCATION

Bachelor Of Technology (Information Technology)

Lovely Professional University | 2017 - 2021

TECHNICAL SKILLS

DevOps Tools	: Azure DevOps (Pipelines, Repos, Artifacts), Docker, Jenkins, Kubernetes, GitHub, Ansible, Ansible Tower, AWX, Terraform, VS Code.
Operating Systems	: Windows, Linux
Cloud Platforms	: Amazon Web Services (AWS), Microsoft Azure
AWS Services	: EC2, VPC, EKS, IAM, S3, CloudWatch
Azure Services	: Azure VMs, VNet, Entra ID, File Sync, Azure Files
Virtualization	: VMware, Nutanix
Backup Tools	: Commvault, Veeam, Azure Backups, HYCU, Symantec
Generative AI	: LLMs, Prompt Engineering (One-shot, Few-shot, Zero-shot, Chain-of-Thought), Cursor, Make.ai, Gemini, Chat GPT, Claude, Grok

PROFESSIONAL EXPERIENCE

TRIANZ

July 2023 - Present

Senior Systems Engineer (DataCenter and Server/Cloud operations)

Managed administration of the VMs in Azure Cloud/ AWS Cloud/ VMware/ Nutanix environment. Worked on various tasks like scaling the VM based on the requirement, backups, patching, auto-deployment of agents to VMs.

- Developed and maintained **Terraform** scripts to automate the provisioning of cloud resources (**AWS/Azure**).
- Provisioned and managed cloud resources such as **EC2, VPCs, EKS clusters, IAM roles, S3 buckets**, and **CloudWatch** alarms.
- Automated OS-level configurations, patch management and package installations using **Ansible** playbooks
- Deployed applications and managed server state across multiple environments using **Ansible Tower/AWX**.
- Built and maintained **CI/CD pipelines** in **Jenkins** for automated application deployment.
- Implemented backup and restore policies using **Commvault, Veeam**, and **Azure Backup services**

iLINK DIGITAL

September 2021 - June 2023

Cloud Engineer

Worked on migrating on-prem file shares to Azure Cloud using Azure file sync, managing and configuring resources for Azure VMs, migrating on-prem VMs to Azure, Azure Backups, Security, etc.

UBX CLOUD

September 2020 - August 2021

Technical Support Engineer

Worked as an L1 resource, troubleshoot and fix Veeam related issues, vendor call management, etc.

PROJECTS

End-to-End CI/CD Pipeline with Docker, Jenkins, GitHub, SonarQube & Trivy

- Implemented a CI/CD pipeline in **Jenkins** with **GitHub webhooks** to trigger builds on code changes. Automated **Docker** image build, push, and deployment to **Amazon ECR**, and deployment to **Amazon ECS**. Integrated **SonarQube** for code quality checks and **Trivy** for security scanning.

Azure DevOps Project

- Deployed Java applications on **Azure Kubernetes Services** cluster. This project helped me to learn **Azure Container services** as the applications were containerized and I implemented all of these using **Azure pipelines**.

CERTIFICATIONS

Microsoft Azure DevOps Engineer (AZ-400) | Microsoft Certified: Azure Administrator Associate (AZ-104) | DevOps Training (Intellipaat) | Azure Administrator Course for AZ-103/AZ-104 (Intellipaat)

ACHIEVEMENTS

Emerging Star Badge - Awarded (Thrice) - For showing great progress in short time

On Fire Badge - Awarded - For being proactive

Individual Excellence Spot Award - Recognized for problem-solving, collaboration, and impactful contributions.