

Mandeep Lally

mndplally@gmail.com | Melbourne

Experience

Orro Group | Melbourne

Expert Azure Network Engineer/ Security Engineer | 02/2021 - Present

- Led the design, implementation, and maintenance of Azure cloud infrastructure for multiple projects, ensuring high availability, scalability, and security.
- Developed and maintained Terraform modules for automating the deployment and configuration of Azure resources, reducing deployment time by 40% and minimizing errors.
- Configured and managed network security using Azure Network Security Groups, Azure Firewall, and integrated third-party security solutions (Fortigate Firewall, Sonicwall) to protect sensitive data and applications.
- Managed and maintained Cisco ASA, Fortigate, Sonicwall, and Cisco Meraki equipment.
- Troubleshoot complex network and application issues in Azure, collaborating with development and operations teams to identify and resolve root causes.
- Implemented monitoring and alerting solutions using Azure Monitor and Log Analytics to proactively identify and address performance issues.
- Participated in incident management and problem management processes, ensuring timely resolution of issues and implementing preventative measures to avoid recurrence.
- Collaborated with project teams to migrate on-premises workloads to Azure, providing technical guidance and support.
- Documented cloud infrastructure designs, configurations, and operational procedures to facilitate knowledge sharing and ensure maintainability.
- Regularly escalated issues to both BAU and project teams, ensuring timely resolution.
- Successfully migrated on-premise infrastructure to Azure utilizing Azure Migrate and other migration tools.
- Developed and maintained CI/CD pipelines using Azure DevOps for automated application deployments.
- Implemented cost optimization strategies to reduce Azure spending by 15% while maintaining performance and reliability.
- Planned implementation of network enhancements and upgrades.
- Collaborated with teams in disaster planning, network backup and recovery process monitoring.
- Checked rigorous application of information security policies, principles and practices for continuous delivery of network services.

Wanforce Technologies | Chandigarh

Cloud Engineer and Network Engineer | 12/2017 - 12/2018

- Worked on both Azure and AWS environments, providing support and implementing infrastructure solutions.
- Deployed and configured virtual machines, storage accounts, and networking resources in Azure and AWS.
- Assisted with the development and implementation of security policies and procedures in accordance with industry best practices.
- Participated in on-call rotation to provide 24x7 support for cloud infrastructure.
- Utilized Terraform for infrastructure deployments and management across both Azure and AWS.
- Gained experience with Azure Kubernetes Service (AKS) and Amazon Elastic Kubernetes Service (EKS) for container orchestration.
- Contributed to the documentation of cloud infrastructure and operational procedures.
- Reduced server downtime by proactively monitoring cloud resources and addressing potential issues before they escalated.
- Used metrics to monitor application and infrastructure performance.
- Assisted in migration projects from on-premises data centers to cloud environments, ensuring minimal disruption to business operations.
- Provided technical support to internal stakeholders, diagnosing and resolving complex issues related to the organization's cloud environment.
- Enhanced cloud infrastructure efficiency by implementing advanced automation techniques and tools.

Skills

Time management, Multitasking, Self motivation, Network documentation development, Attention to detail, Microsoft Azure, Linux, AWS, Firewalls, BGP, Cisco Meraki

Education

La Trobe University | Melbourne
Masters in Information Technology | 07/2020

Awarded the Golden Key International Honor Award (top 15% of academic achievers). WAM Score: 83 (Distinction Average)