Vishnu AJITH

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SUMMARY

Cloud Engineer with extensive experience in cloud migrations, infrastructure automation, and DevOps. Proven track record of reducing infrastructure costs by 30%, improving system reliability by 20%, and optimizing resource utilization by 10%. Expert in AWS, Infrastructure as Code (IaC), and large-scale Linux systems. Skilled in managing on-premises infrastructure, VMWare, Azure, RHEL, and Oracle Cloud. Adept at handling complex environments and ensuring seamless operations across multiple platforms. Committed to driving innovation, efficiency, and compliance in Cloud and DevOps environments.

EXPERIENCE

INFOSYS LTD
2022-2023 / Bangalore, India

TEAM LEAD - CATERPILLAR INC
- Led a team of 12 in the Hosting Services Division, managing over 8,000 RHEL servers, ensuring optimal performance, availability, and streamlined Linux and Unix operations.
- Administered 51 AWS infrastructures within three months, overseeing services like S3, EC2, RDS, Route 53, IAM, and ECS, while optimizing 60% peak performance across 4 cloud environments.
- Delivered 15 cloud architectural solutions for 7 key clients, driving business success by facilitating cloud migrations using DevOps principles, leading to a 40% reduction in infrastructure costs.
- Automated critical infrastructure tasks including log shipping, reducing enterprise license needs by 74% and enhancing server management through the development of Ansible playbooks.
- Managed global P1 and high-priority incident tickets, resolving complex issues promptly and leading root cause analysis efforts in Problem Management, adhering to ITSM best practices.
- Streamlined global change management, effectively handling complex change requests and ensuring compliance with organizational standards.
- Produced over 30 technical documents for 2,000+ customers, ensuring clarity, accuracy, and alignment with technical requirements.
- Supported 190 server installations, major upgrades, and administration, delivering exceptional troubleshooting and service to over 5,000+ clients globally.
- Conducted SOX audits and disaster recovery activities, ensuring compliance and technical readiness across the infrastructure.
- Offered 200+ customers and partners access to secure shipment data, increasing revenue by 73%.

2022-2023 / Bangalore, India

INFRASTRUCTURE ENGINEER - CATERPILLAR INC
- Engineered and automated infrastructure using Terraform, Ansible, and scripting, optimizing deployment across AWS, Azure VMs, Storage Accounts, Virtual Networks, and on-prem environments.
- Led global Linux server patching across APAC, EMEA, and US regions, utilizing Ansible, Satellite (RHEL), and manual processes, ensuring seamless operations and minimal downtime.
- Managed complex environments, including VMWare, Oracle, MySQL, and DB2, while overseeing critical infrastructure like NAS, SAN, and backup systems. Handled DNS, DHCP, and TLS/SSL protocols, and resolved LAN/WAN network issues from the server side.
- Implemented and maintained monitoring tools such as Nagios, DataDog, Prometheus, and Grafana, enhancing system reliability and performance tracking.
- Designed and managed networks and led the resolution of server-side application issues, ensuring high availability and adherence to security and compliance standards.

EDUCATION

MIDDLESEX UNIVERSITY
2023-2024

MSc IN NETWORK MANAGEMENT AND CLOUD COMPUTING
- Topper in Virtualization & Cloud Computing and Operating Systems in Networked Environments modules.
- Achieved Distinction in 4 out of 6 papers, with First Class in the remaining 2.

ST. JOSEPH'S COLLEGE, DEVAGIRI
2017-2020

BACHELOR'S IN COMPUTER APPLICATION

PUBLICATIONS

- Analyzing Docker Vulnerabilities through Static and Dynamic Methods and Enhancing IoT Security with AWS IoT Core, CloudWatch, and GuardDuty *(Preprints · Jun 20, 2024)*

CERTIFICATIONS

AWS Certified SysOps Administrator - Associate	*Aug 2024*
Microsoft Certified: Azure Administrator Associate	*Aug 2024*
Oracle Cloud Infrastructure 2024 Generative AI Certified Professional	*Jul 2024*
Amazon Web Services - Confidential Computing with AWS Compute	*Jan 2024*
Infosys Certified Redhat on Azure	*Dec 2022*
Infosys Certified Redhat Engineer	*Dec 2022*
Infosys Certified Junior Windows Admin Professional	*Jun 2022*

SKILLS

Cloud Technologies	AWS	Azure	Oracle Cloud	OpenStack	Google Cloud
Key AWS Services	EC2	S3	RDS	Lambda	CloudFormation	GuardDuty	CloudWatch
Key Azure Services	VMs	Azure Functions	Storage Accounts	Azure Security Center
Infrastructure & Automation	Terraform	Ansible	VMWare	Docker	Kubernetes	CI/CD (Jenkins)	GitHub	Automation Anywhere	Infrastructure as Code (IaC)
Monitoring, Security & Networking	Nagios	DataDog	Prometheus	Grafana	cAdvisor	Zabbix	Cisco Prime	DNS	DHCP	TLS/SSL	LAN/WAN	Load Balancers	DevSecOps	Trivy	Falco	AWS GuardDuty
Operating Systems & Virtualization	Linux	Windows	VMWare	Oracle VirtualBox	VMWare Workstation	Satellite (RHEL)
Programming & Scripting Languages	Python	Java	JavaScript	Shell Scripting	HTML	CSS	React	Django	COBOL	JCL
Database & Middleware	Oracle	MySQL	DB2	SQL	Tomcat	IIS
Soft Skills	Team Leadership	Problem Solving	Communication	Project Management	ITSM Best Practices	Root Cause Analysis	Change Management

AWARDS

Caterpillar - Infosys Services Award   *Feb 2023*
- Issued by Caterpillar: Received for exemplary performance as an Infrastructure Engineer in the Hosting Services Division.

Caterpillar - Support and Projects   *Oct 2022*
- Issued by Caterpillar Inc: Awarded for exemplary contribution to Caterpillar support and projects in the Hosting Services Division. Specially recognized for efforts in streamlining the Linux track.

Infosys - Rising Star Award   *Sep 2022*
- Issued by Infosys Ltd: Awarded by GPM for efficiently handling the Linux track in the SD domain.

Rise Insta Award   *Aug 2022*
- Issued by Infosys Ltd: Awarded for contributions to Infosys services in the SD domain.

Rise Insta Award   *Jun 2022*
- Issued by Infosys Ltd: Awarded for involvement in the Automation team and introducing new ideas to simplify manual reporting tasks at the program level.

Rise Insta Award   *Jan 2022*
- Issued by Infosys Ltd: Awarded for scaling up ITSM processes and exhibiting skills in reports automation and process standardization.