

Manikanta Surya Prasad Reddi

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SUMMARY

Experienced Infra Managed Service Associate at Accenture with 4 years of total experience, including 1 year and 4 months at Accenture. Specialized in cloud computing and DevOps with certifications in AWS, Azure, and Oracle Cloud Infrastructure. Proficient in optimizing application performance and deployment, handling robust data, and leading projects on cloud-native solutions, on-premises migration, and automation.

EXPERIENCE

Cloud Support Associate

Village IT Services Private Limited

March 2019 - March 2022

Chilakaluripet, Andhra Pradesh

Streamlined web and mobile project deployments on AWS cloud infrastructure, ensuring high availability and optimal performance; reduced downtime by 30% and improved page load time by 40% through efficient resource allocation and caching strategies.

Orchestrated the successful deployment and management of 10+ web and mobile projects on AWS cloud infrastructure; achieved 99.9% uptime and enhanced performance by optimizing load balancing and auto-scaling mechanisms.

Optimized AWS cloud resources to achieve cost-effectiveness and scalability for various projects, resulting in significant cost savings.

Collaborated closely with cross-functional teams, including developers, architects, and project managers, to deliver seamless cloud-based solutions.

Actively monitored and analyzed cloud resources, implementing proactive measures to enhance system reliability and security.

Stayed abreast of the latest AWS cloud advancements and best practices, continually incorporating innovative solutions into project deployments.

Infra Managed Service Associate

Accenture

April 2022 - Present

Hyderabad, Telangana

Orchestrated the migration of on-premises infrastructure to AWS and Azure, implementing cloud-native solutions and automating deployment processes; expedited time-to-market by 50% and delivered time savings of 15 hours per week for the DevOps team.

Optimized EC2 instances, VPC instances, and volumes through code review and architectural assessment; boosted application speed by 35% and slashed server costs by \$20k annually.

Engineered AWS cloud infrastructure to streamline deployment and automate server maintenance; reduced manual intervention by 50% and saved 20 hours per week.

Enforced Continuous Integration and Continuous Deployment (CI/CD) practices, slashing deployment time from 1 week to 1 day and increasing deployment frequency by 300%.

Optimized development workflow by implementing quality assurance and testing processes using Jenkins and Ansible, resulting in a 45% reduction in testing time.

Spearheaded a DevOps transformation initiative that led to a 50% decrease in manual intervention, a 40% reduction in deployment issues, and a 30% increase in system uptime.

Administered 51 AWS infrastructures such as S3, EC2, RDS, Route 53, ECS, and Application Load Balancer within the first 3 months of resumption.

Enhanced the alerting system for infrastructure issues, resulting in a 91% improvement in response time to critical errors.

Designed and deployed streamlined reports on web performance, saving 48 hours of manual reporting each month.

Developed and ensured the reliability of a diverse range of critical infrastructure systems, services, tools, and automation that formed the foundation for a SaaS platform with over 10M annual users.

EDUCATION

Bachelor of Science - BS, Computer Science

Jun 2016 - Mar 2019

Samhitha Degree College, Rajahmundry

10+2, Mathematics, Physics, Chemistry

Jun 2014 - Mar 2016

Greyfriars Junior College, Dondapudi

SSC, General

Jun 2013 - Mar 2014

Government High School, Polavaram

LICENSES & CERTIFICATIONS

AWS Solutions Architect Associate - Credential ID: VJG8W87CTEQQ1WC9

Credential URL: <https://aws.amazon.com/verification>

Amazon Web Services SysOps Administrator - Associate - Credential ID: 2C94P1X2V2F4Q55X

Credential URL: <https://aws.amazon.com/verification>

AWS Certified DevOps Engineer – Professional - Credential ID: XT2V1V226JEQ1QWR

Credential URL: <https://aws.amazon.com/verification>

Amazon Web Services Certified Database - Specialty certificate - Credential ID: LC8NM8X10JQQ12SQ

Credential URL: <https://aws.amazon.com/verification>

Microsoft Certified: Azure Fundamentals - Microsoft

Credential ID: 815CEFB11793BECE

Credential URL: <https://learn.microsoft.com/api/credentials/share/en-us/SuryaPrasadReddiManikanta/815CEFB11793BECE>

Microsoft Certified: Azure Administrator Associate - Microsoft

Credential ID: 43FA6B0C50F8A068

Credential URL: <https://learn.microsoft.com/api/credentials/share/en-us/SuryaPrasadReddiManikanta/43FA6B0C50F8A068>

Microsoft Certified: DevOps Engineer Expert - Microsoft

Credential ID: C167600BB9CBCADC

Credential URL: <https://learn.microsoft.com/api/credentials/share/en-us/SuryaPrasadReddiManikanta/C167600BB9CBCADC>

TECHNICAL SKILLS

Languages: Java, Python,SQL, JavaScript, HTML/CSS

Frameworks: ReactJS

Developer Tools: Cloud Computing(AWS, Microsoft Azure, Oracle Cloud Infrastructure), Linux, Docker, Jenkins, Ansible, Infrastructure as Code (IaC), Git, Kubernetes, Terraform, DevOps, CICD Pipelines, VS Code, Eclipse.