

SAI PAVAN KUMAR P

CLOUD & DEVOPS ENGINEER

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SUMMARY

Seasoned Cloud Engineer with 3 years of experience in AWS. Experienced in cloud infrastructure management, software development, and testing methodologies, with a strong understanding of SDLC and STLC. A motivated team player with excellent communication and analytical skills, committed to delivering secure, scalable, and cost-effective solutions.

PROFESSIONAL EXPERIENCE

Cognizant Technology Solutions (CTS) - Associate

AUG 2021 - Present

- Designed and implemented cloud-based solutions using AWS services (EC2, API Gateway, Lambda, ECS, EKS, Dynamo DB) to ensure scalability, reliability, and security.
- Collaborated with cross-functional teams to gather and refine requirements, aligning solutions with business goals and client needs.
- Configured and monitored CI/CD workflows for multiple projects, ensuring consistent and error-free software releases.
- Developed serverless architectures using AWS Lambda, reducing infrastructure management overhead and improving scalability.
- Worked closely with the software development team throughout the SDLC to deploy and operate systems, automating and streamlining operations and processes.
- Designed event-driven architectures using Amazon Event Bridge, SNS, and SQS for decoupled and resilient applications.
- Experienced in utilizing Docker for containerization and Kubernetes for test plans to validate software quality and functionality.
- Developed and updated CloudFormation templates to allow rapid deployment of applications and optimize resource management.
- Conducted cost-benefit analysis and optimized AWS resource utilization, leading to significant cost reductions.
- Supported on technical leadership and guidance on AWS best practices, security, and compliance to ensure robust and secure cloud solutions.

Cognizant Technology Solutions (CTS) - Trainee Associate

FEB 2021 - AUG 2021

- Assisted in the deployment and management of cloud infrastructure on AWS.
- Supported the migration of on-premises applications to the cloud, ensuring minimal downtime and data integrity.
- Monitored cloud resources and applications using AWS CloudWatch, identifying and resolving performance issues.
- Developed and maintained scripts for automating routine tasks, improving operational efficiency.
- Collaborated with senior engineers to design and implement scalable and secure cloud solutions.
- Participated in troubleshooting and resolving cloud infrastructure issues, providing timely support to internal teams.
- Conducted regular backups and disaster recovery drills to ensure data protection and business continuity.
- Documented cloud infrastructure configurations and standard operating procedures for future reference.

CERTIFICATIONS



SKILLS

AWS Cloud	Docker	Architecture Development
Cost Optimization	Kubernetes	Python
Disaster Recovery	CI/CD	Web Development
Terraform (IaC)	SDLC	Team collaboration

ADDITIONAL INFORMATION

Marital Status: Single

Nationality: Indian

Languages Known: English, Telugu, Hindi

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