

Sudir Pandian

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Career Summary

Results-driven cloud professional with 2.5 years of experience in **AWS cloud operations**, **Infrastructure optimization**, and **Automation**. Skilled in **Strategic planning**, **Architecture design**, and **Standard Operating Procedures** (SOPs) to enhance efficiency and scalability. Proven ability to drive **Revenue growth**, **Improve Service Reliability**, and reduce costs by leveraging AWS solutions. Adept at implementing best practices, performance tuning, and automation to streamline operations and enhance cloud efficiency.

Experience:

AWS Cloud Engineer – Precision Infomatic | Chennai | Novemeber 2022 – Present

- Implemented AWS solutions to optimize cloud infrastructure, reducing downtime by 30%.
- Led AWS cloud operations, optimizing EC2 instances, storage, and network configurations, reducing operational costs by 15%.
- Developed and maintained AWS Lambda functions for automating key services, improving response times by 40%.
- Designed scalable cloud architecture using AWS CloudFormation for cross-regional operations.
- Implemented an end-to-end CI/CD pipeline using AWS CodePipeline, reducing deployment times by 45%.
- Conducted AWS Well-Architected Reviews, ensuring best practices for security, reliability, and performance.
- Implemented application monitoring in CloudWatch using Shell scripting.
- Managed website restoration and configuration via ALB & Global Accelerator.
- Administered AWS WAF, including IP whitelisting & blocking, and created rules to block bot traffic.

Key Expertise:

- **AWS Compute Services:** Managed and optimized EC2 instances, Auto Scaling Groups, and AWS Lambda to ensure high availability, cost efficiency, and performance tuning.
- **AWS Network Storage Solutions:** Experience with S3, EBS, and EFS for data storage and backups, implementing lifecycle policies and optimizing costs.
- **Identity & Access Management (IAM):** Configured IAM roles, policies, and permissions to secure access, integrating IAM with AWS Organizations & AWS SSO.
- **AWS WAF & Security:** Managed AWS WAF to protect web applications from common exploits, tuning rules and integrating with AWS CloudFront for enhanced security.
- **CI/CD & Infrastructure as Code (IaC):** Automated deployment pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy, leveraging Terraform & CloudFormation.
- **Linux & Windows Systems Administration:** Managed and troubleshoot Linux & Windows EC2 instances, ensuring optimal system performance and security.
- **Deployment & Troubleshooting:** Led application and infrastructure deployments on AWS, resolving issues related to networking, storage, and compute.
- **Collaboration & Documentation:** Worked with DevOps and development teams to implement best practices for scalability, security, and performance, while maintaining comprehensive documentation.

Education:

Sri Shakthi Institute of Engineering & Technology

B.Tech Information Technology | CGPA 7.4/10

Skills & Certifications:

- **AWS Services:** EC2, S3, RDS, VPC, Lambda, CloudFormation, CloudWatch, IAM, AWSDeveloper Tools, Cloud trail, Load balancing, Autoscaling, Route 53, ECS, EKS, ECR.
- **Certifications:** AWS Certified Solutions Architect

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- **Technical Skills:** Cloud Infrastructure Management, Infrastructure Automation, Cost Optimization, DevOps, Linux & Windows operations, Mailserver(Ired), VMware (Datacenter operations) Veeam, Commvault, AWS Developer tools, SSM.