Neha Sonawane

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SUMMARY

Software Engineer with 2 years of experience in managing cloud infrastructure, automation, and containerization. Skilled in DevOps tools including Docker, Kubernetes, Azure DevOps, Linux, Jenkins, GitLab, Git, Terraform, Ansible, Datadog, and AWS services such as CloudFormation, EC2, ECS, VPC, IAM, S3, Lambda, SNS, CloudWatch, AWS Config, CloudTrail, and Service Catalog. Proven ability to deliver scalable solutions and enhance performance and cost efficiency

SKILLS

Technologies & Tools: Linux, Docker, Kubernetes, Azure DevOps, Git, GitLab, Terraform, Ansible, Red Hat Ansible Automation Platform, Jenkins, Datadog, AWS Services (EC2, S3, VPC, Lambda, EKS, ECS, ECR, IAM, CloudFormation, Secret Manager, CloudWatch, Service Catalog), Python, MySQL

WORK EXPERIENCE

PibyThree Consulting Services Private Limited – Pune, Maharashtra

Analyst Software Engineer   Jan 2025 - Aug 2025

- Implemented a single-click deployment solution using CloudFormation to automate AWS infrastructure provisioning and application deployment on Amazon ECS, which reduced deployment setup time by 70%.
- Achieved 60% cost savings by identifying underutilized resources using Datadog dashboards and monitors
- Designed disaster recovery workflows for Windows and Linux servers using Red Hat Ansible Automation Platform
- Set up AWS Control Tower to establish a secure multi-account AWS environment, implemented effective security control policies, preventive and detective guardrails, centralized logging, and integrated SSO to strengthen security and streamline access management
- Trained new joiners on AWS fundamentals, helping them understand core services and prepare for project work

Associate Software Engineer   Oct 2023 - Dec 2024

- Designed AWS Bedrock infrastructure for knowledge base access, leveraging S3 as data storage and OpenSearch for vector databases, using Lambda functions to create custom vector indexes
- Developed a web app using React and Node.js to provision EKS and OpenShift clusters through UI, using Terraform to automate cluster provisioning, reducing manual setup time by 50%
- Created reusable Ansible playbooks to automate system health checks and user provisioning on Windows and Linux servers, integrating them with GitLab CI/CD for scheduled execution
- Built cost optimization dashboards using AWS QuickSight, with CUR data processed via Glue and Athena, reducing cloud spend by 40%

EDUCATION

SKN Sinhgad College of Engineering Korti, Pandharpur.   2019-2023
B.Tech in Computer Science and Engineering   *[SGPA: 9.58]*

CERTIFICATIONS

- **A**WS Certified SysOps Administrator - Associate, Amazon Web Services, 2024
- **D**atadog Fundamentals, Datadog, 2025

AWARDS & RECOGNITION

- **R**ockstar Award, PibyThree Consulting Services Private Limited - 2025
- **W**e Award, PibyThree Consulting Services Private Limited - 2025