Sarika Patil

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Summary — Skilled Consultant with 3 years of hands-on experience in Build, Release, and software configuration management, leveraging expertise in AWS, Azure, DevOps, and Identity and Access Management. Seeking a full-time role as an AWS and DevOps Engineer.

Skills

Cloud Technology	: Amazon Web Service (AWS), Microsoft Azure
Cloud Services	: AWS (Kinesis, AWS Guard Duty, WAF, Security Hub, MFA)
DevOps	: Git, GitHub Actions, Jenkins, GitLab-CI/CD, Kubernetes, Ansible
Containers & Orchestration	: Docker, Kubernetes
Monitoring	: AWS CloudWatch, Prometheus, and Grafana
IAC	: Terraform (AWS and Azure), AWS CloudFormation
Repository	: GitHub, GitLab
RDBMS	: MySQL and DynamoDB
Application Server	: Apache Tomcat, Nginx, IIS
Language	: Shell scripting, Python
Platform	: Windows, Linux

Experience

<u>Client: US And German</u>

- Cloud Platforms and DevOps Tools: Extensive experience in cloud platforms like AWS and Azure, focusing on application development, IT operations, and SCM tools such as Git, GitHub, and GitLab for managing development branches and facilitating releases.
- CI/CD Implementation and Automation: Hands-on expertise in implementing GitHub Actions, GitLab CI/CD, Jenkins, AWS CodePipeline, and CodeDeploy for continuous integration and delivery using Python and Bash scripts to automate processes.
- Containerization and Orchestration: Proficient in Docker for containerizing applications, creating custom Docker images, and using AWS ECS and Kubernetes for automating the deployment, scaling, and management of containerized applications.
- Infrastructure Automation and Monitoring: Skilled in infrastructure provisioning tools like Terraform and AWS CloudFormation, along with Ansible for infra automation. Experience in setting up monitoring tools like AWS CloudWatch, Prometheus, and Grafana for live system tracking.
- AWS Services and Database Management: Strong knowledge of AWS services (EC2, S3, VPC, RDS, IAM, etc.) and experience managing RDBMS and NoSQL databases like MySQL, Oracle, and DynamoDB. Familiarity with bug tracking tools like JIRA.

Projects

KapstoneLLC - iC Consult - Carlyle Group Company   Jan 2022 – Till Date
Consultant

- **Ulta One Identity:**   Jan 2024 – Till Date
  DESCRIPTION :
  As an L2 engineer, responsible for efficiently resolving ticket incidents to ensure smooth operations. Develop a comprehensive understanding of One Identity Manager's functionality, architecture, and integration points to effectively troubleshoot and address any issues that arise.

  RESPONSIBILITIES :
  Maintain a deep understanding of One Identity Manager's functionality, architecture, and integration points to troubleshoot and resolve issues effectively. Demonstrate proficiency in addressing and resolving issues related to the implementation, configuration, and operation of One Identity Manager.

- **Mercedes-Benz**   Dec 2022 – Dec 2023
  DESCRIPTION :
  As a member of a 24/7 SOC team Continuously monitors logs and security alerts from various sources. Stay updated on the latest security threats, vulnerabilities, and attack techniques. Utilize threat intelligence sources to enhance detection and response capabilities.

RESPONSIBILITIES :
As a member of the SOC team, Responsible for investigating suspicious activities and maintaining the security of clusters. Proactively monitored suspicious logs and created alerts for potential security incidents ensuring the security and integrity of critical data, thereby increasing efficiency and protecting revenue. Proficiency in Utilizing security SIEM tools such as Splunk, Datadog, Azure Log Analytics, and Aqua to investigate suspicious activities. Demonstrated analytical and problem-solving abilities to identify and respond effectively to security incidents.

- **SEMPERIS**   **Oct2022 – Dec2022**

  DESCRIPTION :
  Designed and developed the Terraform code for Azure Policies to be applied for the Azure Kubernetes Service, Network, Security, and KeyVault.

  RESPONSIBILITIES :
  Created to terraform modules for Azure Provider with Input variables. Provided the required parameters in the policy JSON. Applied the Terraform in the Azure Environment. Developed Terraform code for IAC automation.

- **CMS**   **May 2022 – August 2022**

  DESCRIPTION :
  The AWS Control Tower was set up in the new AWS account with Security Standards using GuardDuty, WAF, and Security Hub. Installed the Cloudwatch Agent in the EC2 Instance to monitor the Sys and Auth log and that was sent to the Logging Account through Kinesis. Implemented the MFA (Google Authenticator)for the EC2 Instance.

  RESPONSIBILITIES :
  Integrated GuardDuty and WAF with Security Hub. Security Hub severity is filtered using an event bridge to send email notifications. Installed Cloudwatch Agent in EC2 instance. Enabled Kinesis Data Firehose to send the logs.

- **Aws DevOps Deployment**

  DESCRIPTION :
  Engaged in design, Development, and Deployment of in-house SIEM tool using Python Django Framework. Deployed the application on AWS EC2 Instance.

  RESPONSIBILITIES :
  Application development in Python Django. Hosted application in EC2 Instance using MYSQL for backend DB. Adding a new vulnerability tool in the SIEM.

Education

North Maharashtra University:
Master Of Computer Application   *Dec 2021 – Aug 2023*

- **Certifications**
  - AWS DevOps Continuous; Integration, Delivery and Deployment
  - AWS Certified Solutions Architect