GADDIPATI PRAKHYA

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Career Objective:

Looking for a challenging role in a reputable organization to utilize my cloud computing, database, and management skills for the growth of the organization as well as to enhance my knowledge about new and emerging trends in the cloud IT sector.

Education:

Completed B-Tech from Chalapathi Institute of Technology, Guntur in 2019.

Certifications Achieved:

- Certified in **AWS Solution Architect Associate**.
- Certified in **AWS Developer Associate**.
- Certified in **AWS SysOps Administrator Associate**.

Professional Summary:

- Having overall 1year 4months of hands-on working experience on Cloud Environment like AWS services, DevOps tools.
- Experience in managing, supporting server infrastructures along with monitoring operations.
- Knowledge and hands-on in configuring Jenkins jobs.
- Knowledge in ticketing tools like JIRA. Know how to change the status of tickets, checking them up to date without breaching SLA.
- Ability to diagnose server alerts, events or issues.
- Experience on CloudFormation.
- Having knowledge in database like MySQL.
- Having knowledge in Python scripts for Lambda functions using boto3 modules.
- Worked for the real-time projects, Troubleshooting the errors.
- Knowledge and hands-on experience in monitoring tools like NewRelic, Datadog and CloudWatch (AWS), Elasticsearch (AWS).
- Knowledge on Atlassian server. I can configure all the Atlassian products in a server.
- Weekly demos will be conducted with all the employees of IBEXLABS.I actively participate in those and have given the demo on topics like Amazon LightSail, Amazon Key Spaces, Security Hub, AWS Config, AWS Inspector, AWS DataPipeline etc.

- Having knowledge on Account Billing as well. Work for every month billing report for all the customers we have.
- Good oral and written communication skills, and ability to address the conflicts.
- Ability to handle multiple concurrent tasks and projects with minimal supervision.
- Ability to work on flexible schedule under 24*7 roster plan and track the tickets against SLAs.
- Knowledge in writing the Lambda functions using python language for AWS services automation in enabling some of the options.
- Configuring OpenVPN, SSL-Lets Encrypt, WAR, Patching for servers, Atlassian setup.
- Gone through Cybersecurity, Webroot, Malware in Webroot and Newrelic training sessions.
- Knowledge on proxy behind NGINX and Apache.

Technical Skills:

Technologies	:	AWS
Languages	:	Python
Monitoring Tools	:	New Relic, Data Dog
Ticketing	:	JIRA
Databases	:	MySQL Server
Operating Systems	:	Ubuntu, Windows
Version Control	:	Git

Professional Experience: Working as Junior DevOps Engineer in IBEXLABS, Hyderabad till date.

Project: PLSC, 4-Site, Catalog, MSP.

Client: PLSC, Tapdn.

Role: Junior DevOps Engineer.

Duration: Sept9th (2019)-Till Date.

Description:

PLSC: PLSC (Procedural Learning and Safety Collaborative) is a non-profit educational quality improvement consortium focused on investigating and developing tools, curriculum and policy to improve the training of surgical and other procedural physicians.

- Activity involved in developing all the PLSC environments like production, development, testing and staging.
- We are providing the support for the URLs and monitored all the websites of PLSC and provided the support whenever there is an issue with their environments.
- Troubleshooting all the errors related to load balancer, API gateway, Querying the logs using AWS Athena service.

- Worked on upgrading the Atlassian products like Jira, Confluence and Bitbucket. • Worked on enabling RDS and EC2 backups using lambda functions for creation and deletion of snapshots and for DynamoDB tables backup and restoration also.
- Worked on SSM patching alerts if any patching failed for servers.
- Worked on Security Hub standards remediations for the client account.
- Enabled monitoring in Route53, CloudWatch, Nagios and uptime robot.
- Worked on diverting the Guard Duty alerts to particular Mail Address/Slack channel.
- Updated all the S3 buckets with default encryption using the Lambda function.
- Worked on creating the Disk and Memory custom metrics and alarms for all the standalone servers.
- Redirecting the production domain to subdomain.
- Created the alarms for scaling policies for all the beanstalk environments.
- Changed the deprecated version of PHP to latest version in EB environment.
- Enabled WAF so we can make use of rules and conditions for security related.
- Migrating the Atlassian products from one server to another server.
- Worked on LightSail service.
- Changing the classic load balancer to application load balancer.
- Taking the DynamoDB backups using DataPipeline.
- Importing the DynamoDB tables to AWS Athena using AWS Glue ETL.

4Site-Tapdn:

- Launched all the services using products which are configured using Service Catalog.
- SecurityHub remediations.
- Configuring cloudwatch alarms for the CPU utilization, Memory utilization.
- Worked on SQS and integrated with S3 events.

Catalog:

- Having knowledge in writing the CFT templates for the services with YAML
- Used Service Catalog and implemented all the products.
- Wrote the CloudFormation templates like Network, Jenkins, Standalone EC2, Elasticsearch, AWS Inspector, ElasticBeanStalk with RubyonRails, Java, Python applications with four types of loggings like CloudWatch, Elasticsearch, Datadog and New relic.
- Enabled monitoring using CloudFormation for multiple products like Standalone Servers, Jenkins product, OpenVPN product.
- Added the redirection file in .eb extension so that URL will redirect to HTTPS.
- Added the inspector agent installation in .eb extension file so that inspector agent is installed directly in the appropriate product.
- Worked on Code Commit, Code Deploy and Code Pipeline CFT templates.
- Pushing the codes to remote repository using commands.

MSP:

- As our company is going to be a MSP partner I worked for that regarding the tasks like using Jira service desk for all the tickets without breaching the SLA's and worked on the security related competencies using HIPPA, NIST.
- Worked for multiple projects besides PLSC related to documentation in Confluence, JIRA tickets without SLA breaching.
- Usage of Cloudcheckr for the best practices in security, cost, availability and usage.
- Troubleshooted the issues of load balancer, API gateway, SSL expiry alerts using CloudWatch Insights, Athena service.
- Documentations for regular maintenance and process workflow for MSP.
- Billing review, Security review, Monitoring review and drills and checking the software licenses.

Declaration:

I do hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date: **Signature:**

PLACE: **G.PRAKHYA**