SACHETH REDDY PINNAPUREDDY

Willing to Relocate | www.linkedin.com/in/sacheth-reddy/ | sachethreddy98@gmail.com | (908)848-3791

SUMMARY:

- Certified **AWS Solution Architect, SysOps, Developer, Google Cloud Engineer** with 3 years of working experience.
- Experienced in Architecting and Deploying highly available Infrastructure in AWS, GCP cloud by using multiple services like **VPC, S3, IAM, EC2, ELB, RDS, SG's, NACL's, GCS, GCE, Cloud Formation, Auto Scaling & Route53**.
- Hands-on experience of Bash and Python scripting on Linux with AWS CLI and other administrative operations.
- Skilled in Monitoring, Managing, and Deploying Cloud Infrastructure and On-Premise servers.
- Proficient in **DevOps tools like Jenkins, Ansible, Terraform, Kubernetes,** and the entire development life cycle of Continuous Integration/ Continuous Deployment pipelines.
- Good understanding of Agile and the entire process of the Software Development Life Cycle (SDLC).

TECHNICAL SKILLS:

Languages & Scripting: C, C++, Python, Java, JavaScript, YAML, HTML, CSS, PHP, Bash shell scripting, and AWS CLI/SDK.
Network Skills: Troubleshooting, Linux Networking & Security, VPN, SSH, DNS, and Cisco Networking.
Cloud Skills: EC2, VPC, IAM, ELB, S3, SG, NACL, ASG, GCE, GCS, GKE. Cloud Run, Cloud Function, Code – Build, Deploy, Pipeline, X-Ray, REST API, Lambda, API, EKS, Cloud Watch, Cloud Formation, Elastic Search, Kubernetes, and Terraform.
DevOps Tools: JIRA, Maven, Microservices. GIT, Ansible, Docker, and Jenkins.
Database & Other Skills: MySQL, AWS – RDS, Aurora, DynamoDB, OS – Windows, Linux. MS Office 365.

PROFESSIONAL EXPERIENCE:

Cloud – Engineer / Administrator, Texas State University   (Jan 2020 – May 2021)
- Lead Developer in Designing and Managing University websites using proprietary software GATO.
- Migrated existing workloads to Cloud and responsible for configuring lifecycle policies using automation scripts.
- Designed architecture patterns for deploying multiple AWS Resources like EC2, S3, RDS, etc., using Cloud Formation.
- Monitoring the alerts using CloudWatch, third-party tools, and troubleshooting the critical alerts.
- Recruited, trained, and mentored around three undergraduate student employees on Cloud services.

Teaching Assistant, Texas State University   (Aug 2019 – Jan 2020)
- Assisted two professors in teaching activities and administered exams, grading for 50 Grad/ Undergrad Students.
- Prepared assignments for students with Linux commands, Bash shell scripting, Wireshark, and Python.

Cloud Engineer, Sudhi Informatics Pvt Ltd, Hyderabad, India   (Apr 2018 – May 2019)
- Administered IAM service to grant permissions and resources to users. Managed roles, policies of users.
- Enabled versioning on S3 buckets and managed lifecycle policies for archiving the log and old files to the Glacier.
- Maintained usage of cloud services and applied cost-saving strategies **that lead to reduce cost by 20%.**
- Implemented and monitored the alerting of large-scale production corporate servers/storage using **CloudWatch to** ensure the reliability of applications, deployed stacks using AWS Cloud Formation templates.
- **Developed templates for AWS** by IaC using **AWS Cloud Formation to create custom-sized VPC**, subnets, NAT for successful deployment of Web applications, Database templates, and Executed in multiple environments.
- Installed and configured **Apache Tomcat on RHEL**, CentOS, Ubuntu, and Amazon Linux instances.

SELF PROJECTS:

Microservice Web application | Python, Fargate, NLB, API, S3, DynamoDB, Cognito
- Used AWS Fargate to deploy containers in a serverless to build an interactive web app using Python. It stores static content like images, in S3, and key, value pair in DynamoDB in front of NLB with API gateway, Cognito for authorization.

Distributed Multi-Region Jenkins CI/CD | AWS, VPC, Terraform, Ansible, Jenkins
- Deployed Infrastructure in multi-region using Terraform. Used Ansible playbooks to install the Jenkins in Master/ Slave nodes and provisioned several pre-production environments and proprietary middleware.
- Configured Jenkins to implement the CI and Maven to schedule the builds. Integrated the Automated part with Deployment Pipeline. Installed Ansible Control Server to pick up the Packages from the repository to deploy in target environments.

CERTIFICATIONS:

AWS Certified Solution Architect   AWS Certified SysOps Administrator
AWS Certified Developer   Google Certified Cloud Engineer

EDUCATION:

Texas State University   May 2021
Master of Science, Computer Science (Data Science Concentration)   **GPA 3.85/4.0**
Jawaharlal Nehru Technological University   May 2019
Bachelor of Technology, Computer Science