Sampath sai paladi

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SUMMARY

Software engineer with 3+ industry experience in designing and maintaining robust data integration solutions. Currently, I am expanding my skill set into

DevOps, focusing on automation, scalability and reliability. My goal is to blend my ETL expertise with DevOps practices to streamline processes, enhance efficiency, and support continuous software delivery.

SKILLS

AWS: EC2, VPC, ECS, ECR, Lambda, S3, RDS, IAM, EKS, CloudWatch, Cloud Formation, CloudFront, API Gateway, CodeDeploy, CodeBuild

Languages: Python, Java, Groovy, Bash, SQL

Databases: MySQL, DynamoDB

Front End: HTML5, CSS, Javascript, jQuery, AngularJS

DevOps Tools: Jenkins, Docker, Ansible, Terraform , Git & Github

Web servers: Nginx, Apache2

EXPERIENCE

Cloud Engineer & DevOps consultant

IIC Technology   March 2023 - Present，Hyderabad ,Telengana

- Consulted with our clients on DevOps culture and best practices in an effort to reduce deployment cycle time and increase productivity for developers and system administrators. Provide AWS Cloud Engineering expertise, particularly around automation and infrastructure-as-code, but also Identity and Access Management. Create bespoke software and cloud infrastructure solutions.
- Developed Platform-as-a-Service on AWS Elastic Container Service for deploying containerized applications in a scalable, available manner. This allowed my client to migrate over 50 applications from a crowded and antiquated on-premise system to a scalable cloud solution.
- Collaborated with multiple teams on Dockerfile creation sessions and containerized applications and implemented CI-CD pipeline GitHub web-hooks for automated image creation and storage of container in both ECR and Docker Hub.
- Provisioned and managed AWS cloud infrastructure using Terraform, and configured and automated server setups using Ansible, enhancing deployment efficiency and system consistency.
- Conducted resource allocation and utilization analysis, leading to the optimization of container resource limits and requests. This resulted in a 15% reduction in infrastructure costs while maintaining optimal application performance.
- Streamlined the CI/CD pipeline for Java-based applications using Maven, resulting in a 20% reduction in build and deployment times.

Software Analyst

Accenture   February 2021 - September 2022，Hyderabad,Telengana

- Managed all dashboards and management interfaces, as well as writing and maintaining the ETL processes that fed them. Wore multiple hats, including DevOps, Developer, QA, and System Administrator.
- Monitored and maintained ETL applications using Informatica, AutoSys, and Splunk, ensuring high efficiency and minimal downtime, while optimizing workflows and system performance.
- Experience in automation of manual tasks & processes enabling better governance and compliance using Python.
- Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
- Demonstrated excellent problem-solving skills by automating routine server maintenance tasks, freeing up valuable team resources for strategic projects.

PROJECTS

Terraform automated EKS cluster creation and deployments with VPCs   link

March 2024 - April 2024

- Automated the creation and deployment of EKS clusters with VPCs using Terraform, significantly reducing infrastructure provisioning time by 40% and enhancing scalability and reliability of cloud environments.

GitHub Actions CICD pipeline

February 2024 - May 2024   link

- Engineered a GitHub Actions CICD pipeline that automated deployment processes, reduced manual intervention by 40%, and cut release cycle times by 25%.
- Utilized Dockerhub as image repo and created automatic update and pull polling

Grafana dashboard creation using Promtail, Loki, Prometheus   link

July 2024 -August 2024

- Engineered a Grafana dashboard by integrating Promtail, Loki, and Prometheus, allowing real-time monitoring and log aggregation that decreased downtime by 25%, and enhanced data visualization for incident analysis.

CERTIFICATIONS

Introduction to DevOps

Great learning academy   2023

• Demonstrates foundational knowledge of DevOps principles and practices, improving efficiency in software development and operations.

Business English certificate preliminary

2020

• Demonstrates strong business communication skills in English, enhancing employability and global collaboration capabilities.

EDUCATION

Bachelors in Computer Sciences

Karunya institute of technology and sciences • Coimbatore, Tamil nadu • 2020 • 7.4/10

SOFT SKILLS

Effective Communication |Advanced Problem-Solving |Effective Time Management |Collaborative Team Player |Critical Thinking

Languages

English, Telugu , Hindi

Contact me on

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github link

portfolio link