

Sampath sai Paladi

Software engineer with 3+ years of industry experience in designing and maintaining robust data integration solutions in DataOps and ETL. Currently, I am expanding my skill set into DevOps and Cybersecurity, focusing on automation, scalability, security and reliability. My goal is to blend my ETL expertise with DevOps practices to streamline processes, enhance efficiency, and support continuous software delivery.

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📍 Hyderabad

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
- OS: linux, unix, window10/11 server

WORK EXPERIENCE

IIC Technologies

Cloud engineer

Jan 2024-Present

- 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.
- Experienced in troubleshooting Kubernetes clusters and scaling deployments as needed to ensure optimal performance and resource utilization. also created CI-CD pipeline in jenkins and gitlab for automated testing for java based applications with sonarqube
- Collaborated with dev 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 DockerHub.
- Provisioned and managed AWS cloud infrastructure using Terraform, and configured and automated servers 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.

Accenture

Software Developer

February 2021 - September 2023, 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 using Ansible playbooks to configure server.
- Demonstrated excellent problem-solving skills by automating routine server maintenance tasks.

EDUCATION

Karunya Institute of Technology and Science

Bachelors in Computer Sciences - 7.4/10

(2016-2020)

- Coimbatore, Tamil nadu 7.4/10

PROJECT

Terraform automated EKS(Aws elastic kubernetes services) cluster creation and deployments with VPCs

March - April 2024

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

GitHub Actions CICD pipeline & Jenkins CI-CD pipeline website

- 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 an image repository and implemented automatic update and pull polling using Groovy syntax. Developed a declarative pipeline created online image converter and document editor

CI/CD pipeline in Jenkins, deploying a test environment for automated testing.

Aug - sept 2024

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