

# SNEHA LATHA

## Work Experience/Projects

Aug 2021 - Jan 2023 **Software Development Engineer at Accenture.**

- SDE (AWS Cloud,AWS Lambda,AWS SAM,AWS Cloudformation,Terraform,Terragrunt,Sysdig,Jenkins,Ruby,Docker)
- Created architecture to comply with **HIPAA** standards and scripted in Terraform to facilitate deployment
  - Setup **CI/CD pipelines in Jenkins** that automated deployments and facilitated agile development teams in timely delivery of latest features.
  - Designed and deployed the multitude of cloud services on **AWS stack** through **Terraform** focusing on high availability, fault tolerance, and auto scaling.
  - Scripted in Terraform, an **Infrastructure as Code(IaC)** software tool, for multiple environments.
  - Employed IAM to control users and group access to AWS services and resources
  - Integrated **Sysdig Secure** for security auditing through Terraform.
  - Implemented and maintained **CloudWatch** in AWS to monitor production servers resources usage
  - Developing innovative ways to **measure, monitor and report** infrastructure health.
  - Identifying root causes of Production issues and delivering the fixes swiftly.
  - Implemented security measures such as IAM policies, network security groups, and SSL certificates to ensure secure data transmission and storage.Integrated **CloudWatch** in AWS to monitor the resources usage.

## Key Skills

- **Cloud Computing, Agile Methodology.**
- **Cloud Setup and Management, User Authentication and Access.**
- **AWS Setup and Architecture Deployment.**
- **Automation, Load Balancing, Cloud Deployment.**
- **Stakeholders management, Requirements gathering and analysis.**

## Technical Skills

Clouds	AWS, IBM Cloud
AWS	VPC, EC2, ECS, ECR, RDS, EC2, S3, Route53, Lambdas, IAM, Cloudwatch, SNS, API Gateway
Skills	Linux, Docker, Cloud Security, Container Orchestration, Cloud Infrastructure, Continuous Integration
Tools	Terraform, Jenkins, Sonarqube, GIT, SysDig, Prometheus, Grafana, Security tools
Scripting	Shell, Python, Ruby
Languages	Python, Javascript, HTML, CSS

## Education

- 2017 - 2021 **MLR Institute of Technology, Bachelor of Technology in Information Engineering.**
- 2015 - 2017 **Intermediate, TSBE Board, Sri Chaitanya JR kalasala, Hyderabad.**
- 2014 - 2015 **Senior School, BSE Andhra Pradesh Board, New Era High School, Hyderabad.**

## Achievements

- EPAM India PEP-2020 (01/2020 - 06/2020)
- HackerRank Certificate in Problem Solving (09/2020)