

# AISHWARYA LINGAVAJHULA

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## PROFESSIONAL SUMMARY

I have around 5 years of experience as a DevOps/Cloud Engineer, and I'm committed to automating software development processes and fostering teamwork to guarantee continuous delivery and deployment. My expertise revolves around automating deployment workflows, optimizing resource allocation, and ensuring the security and reliability of cloud-based solutions.

## WORK HISTORY

**Cloud Engineer , Devoir Software Solutions LLC** [05/2023- Present]

**Denver,CO**

- Created AWS Route53 to route traffic between different regions and configure AWS IAM and Security group in Public and Private subnets in VPC.
- Hands-on experience in using ELK (Elastic Search, Kibana, Log stash), Splunk, Dynatrace, Prometheus, Grafana, Nagios to monitor the resources utilization for each application, Application Monitoring, Performance, and health.
- Automated OpenStack and AWS deployment using Cloud Formation, Heat, Ansible and Terraform, also deployed, and administered Open stack services i.e. Nova, Neutron, Swift etc. and developing Openstack through Python.

**Software Engineer I , Amazon** [05/2022 – 03/2023]

**Seattle, WA**

- Created AWS cloud infrastructure from scratch using CloudFormation by provisioning the resources such as Code Pipeline, EC2, VPC, Lambda, EKS, CloudWatch, Redshift.
- Set up a pipeline to receive and process incoming data by creating an S3 bucket to store data, configuring an AWS Lambda function to process it, creating a RESTful API with AWS API Gateway to interact with the function, and monitoring the pipeline using CloudWatch Logs.
- Refactored existing ticket management system using AWS services like DynamoDB, Redshift, Step functions, Lambda, Glue, Athena, Quick Sight) which fixed a lot of discrepancies at data level and almost led to zero downtime for the application

**Cloud Engineer , HCL Systems** [05/2019 - 10/2020]

**Hyderabad, IN**

- Resolving customer issues related to AWS services such as EC2, S3, RDS, VPC, IAM, Lambda, etc. by analyzing logs, reviewing code, and collaborating with other AWS teams as necessary.
- Utilized monitoring and logging tools such as Prometheus and Grafana to monitor the health and performance of software applications in production environments.
- Worked with installation and configuration of Dynatrace monitoring tool. And created email alerts and threshold values using Dynatrace for production environments.

**AWS DevOps Intern , SpringCT** [06/2018 - 02/2019]

**Hyderabad, IN**

- Improved system availability and reduced mean-time-to-resolution (MTTR) by implementing automated incident response and remediation workflows using AWS Lambda and CloudWatch Events.
- Ensured successful deployment of web applications & database using Terraform to create resources such as EC2 instances, RDS databases, and custom sized VPC's etc.
- Improved CI/CD experience by automating build and deployment processes, implementing infrastructure as code, and integrating continuous testing and monitoring in the software development lifecycle.

## SKILLS

- Python, Java, JavaScript, MySQL, PostgreSQL, MongoDB.
- AWS (EC2, S3, Kinesis, SNS, SQS, Glue, Lambda, CloudWatch, VPC, DNS, DynamoDB)
- Terraform, Ansible, Cloud Formation, GitLab, GitHub.
- Kubernetes, Docker, Airflow, Apache Hadoop, Prometheus, Grafana.