

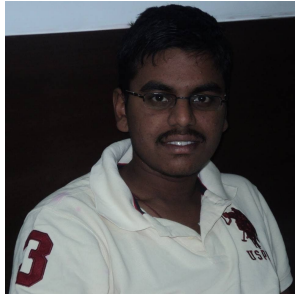
[Nikhil Reddy Araga]

DevOps Engineer

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SUMMARY



Cloud/DevOps Engineer with certified expertise on Cloud, CI/CD and Infrastructure management. Experienced in managing, configuring and automating the deployment of Fault-tolerant and Highly-Available environments. Goal oriented and always looking forward to automating the complicated processes and workflow. Working knowledge in Linux, Containers and scripting languages. Exposed to Agile SW-Methodologies like Scrum & Kanban.

Enthusiastic, eager to follow and adopt current trends in technology.
I Like playing badminton, attending tech events and networking.

COMPETENCE OVERVIEW

Specialist area	Around 4-years' professional experience in Cloud, DevOps and Automation.
DevOps	Git, Chef, Ansible, Jenkins, Spinnaker, GoCD, Packer
Scripting	Python-3, Bash, Powershell
Cloud Providers	AWS, GCP
Containers	Docker, Kubernetes, Helm
Infra Automation	Terraform, AWS-CloudFormation, Serverless, Python-Boto3
AWS	VPC, EC2, EKS, RDS, S3, IAM, Lambda, Step-Functions, CloudWatch
Operating systems	Linux, Windows-Server
Networking	TCP/IP, Security

EDUCATION, TRAINING & QUALIFICATIONS

2015-2016	Basic & further education Blekinge Institute of Technology. Master's in Electrical Engineering with Emphasis on Telecommunication Systems. Major works <ul style="list-style-type: none">• Master's thesis on Study on Reliable Vehicular Communications.• Applied Network Management Project for developing tools to analyze network traffic metrics.• Software Development project for monitoring and managing OpenStack services.
2011-2014	Basic & further education Jawaharlal Technological University of Hyderabad. Bachelor's in Electronics & Communication Engineering. Major courses Computer Networking, TCP/IP, Digital Signal Processing, Digital Communications.

PERSONAL INFORMATION

Personal qualities	Enthusiastic, Ability to learn from mistakes, Communicative, Results Oriented, Adaptable, Enjoys work with responsibility and challenges.
Nationality	Indian
Language	English (Fluent), Swedish (Basic)
Other	Single
Year of birth	1993

PROFESSIONAL EXPERIENCE

2019(Feb)--Present

DevOps Engineer | Flux7 Labs (NTT-DATA Services)

I work in a team that provides services and automated solutions for secure Cloud adoption leveraging DevOps tools/frameworks.

Responsibilities:

- Installing/Configuring multiple DevTools with automated CI//CD pipelines.
- Created a serverless framework to automate the creation of AWS-Account and VPC provisioning on multiple AWS accounts with minimal inputs.
- Migrated 30+ On-Prem Apps to AWS EKS using Helm Kubernetes manifests and Spinnaker.
- Designed and automated a complete automated serverless, networking cluster using Haproxy, Lambda and Terraform
- Configured Jenkins setup using Ansible to automate the CI workflow.
- Currently working on migrating and upgrading Legacy Elastic to AWS managed ElasticSearch.

Technologies: AWS, Ansible, Linux, GoCD, Jenkins, Docker, K8S, Helm, Spinnaker, Terraform, TFE, CFT, Boto3, Python-3, Bash, Git, Atlassian, Trello.

2017(Apr)--2019(Feb)

Cloud/DevOps Engineer | REAN Cloud (Hitachi Vantara)

Worked with a team that accelerates Cloud adoption using DevOps methodologies to build efficient and automated solutions.

Responsibilities:

- Migrated 10+ applications to AWS cloud leveraging Cloudformation, Terraform and CI//CD pipelines.
- Baking AMLs to follow DISA/CIS compliance standards using Jenkins, CHEF and Packer.
- Deployed ORACLE based legacy applications to AWS cloud.
- Followed Test-Driven Development for Continuous Deployment using Chef and Inspec.
- Used AWS Cloudformation and Terraform to derive fully automated Infrastructure-as-code landscapes.
- Developed multiple automation scripts to monitor server metrics and perform updates/patching.
- Used AWS managed ElasticSearch and Kibana for logs aggregation and monitoring.
- Implemented a transit-VPC solution using the Serverless framework.

Technologies: AWS, Chef, Inspec, RedHat-Linux, Jenkins, Windows-Server, CFT, Serverless, Boto3, Python, Bash, Powershell, Packer, DataDog, Git, JIRA, Confluence, CIS//DISA.

2016(Oct)--2017(Mar)

Cloud/DevOps Engineer | Meltag

Assisted in developing and testing the deployment scenarios.

Responsibilities:

- Under-seen the design and development of Cloud and Deployment Architecture.
- Created test-runs/cases to assess the functionality of the product.
- Wrote multiple automation scripts to ease the process-testing and rolling-updates.
- Revise and update the process document/test-scenarios.

Technologies: AWS, Ansible, Jenkins, Vagrant, Bash.

OTHER-INFORMATION

Certificates

- AWS Certified DevOps Engineer - Professional Level
- AWS Certified Solutions Architect - Associate Level
- AWS Certified SysOps Administrator - Associate Level
- Chef Basic Fluency Badge
- Study on Reliable Vehicular Communication**
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