


# Akhila Sulake

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## Summary

Targeting opportunities in AWS and DevOps to leverage expertise in Linux, Windows Server, and automation tools for efficient project delivery.

## Skills

|                               |                        |
|-------------------------------|------------------------|
| Operating systems             | Linux, ubuntu, Windows |
| Build tools                   | Maven                  |
| Continuous Integration Tools  | Jenkins                |
| Web Application Server        | Apache Tomcat          |
| Version Control System        | GIT, GITHUB            |
| Scripting                     | Schell scripting       |
| Configuration Management Tool | Ansible                |
| Containerization tools        | Docker, K8S            |
| Cloud Platform                | Aws Amazon             |
| Infrastructure as a code      | Terraform              |

## Cloud Computing Project Experience

### Internship Experience:

- Created Docker images, managing containers and deploying applications consistently across environment
- Created a Jenkins pipelines to automate build, test, and deployment processes.
- Familiarity with Jenkins plugins to extend functionality and integrate.
- Created a Ansible server to automate the configuration of multiple servers in a load-balanced environment.
- Have basic knowledge on ansible playbooks to ensure consistent server setup and application deployment.
- Created a Ec2, VPC, Subnets, IGW, Routing Table, Security group using Terraform.
- Created a VPC with one public subnet and one private subnet.
- Created route table to connect the private subnet with public subnet
- Attached an internet gateway to the VPC
- Created EC2 instances with http enable to start http
- Having good exposure in Jenkins for CI (Continuous Integration)
- Strong working knowledge on GIT.
- Administered version control system that included branching and merging
- Responsible for creating and developing the build process environment

## Professional Work Experience

### Microdegree Nov2023- Present

- A simple Devops project using Terraform and Aws cloud to set-up static website hosting
- Setup /Managing Linux and windows servers on Amazon Cloud (EC2, VPC, ELB, IAM, S3, AMI, Security Groups, Cloud Watch). Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Jenkins, Git, Maven etc.
- Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.
- Experience in build management and continuous integration tools. (Jenkins)
- Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Used Terraform to write scripts for EC2, load balancing, auto scaling services
- Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tools like Subversion (SVN) and GIT.
- Creating Snapshots and Amazon machine images (AMIs) of the instances for backup and creating clone instances.
- Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm. Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [ Example: Git, SVN, Ant, Maven, Jenkins, Apache Tomcat, Shell Scripting etc.]
- Worked on web servers like Apache and application servers like Tomcat to deploy code.

## Work Experience

- Design and technical support (Devops) at [M/s Kumar electricals](#) (2020sep-2022june)
- Technical support at [GK controls](#) (2018 Nov- Oct 2019)
- Trainee engineer at [TTPL](#) (2<sup>nd</sup> Nov 2016 – May 31<sup>st</sup>)

## Education



### MicroDegree

AWS and DevOps, Cloud Computing

Mar 2023 - May 2023



### Visvesvaraya Technological University

Bachelor of Engineering - BE

Aug 2012 - Jun 2016

## Licenses & Certifications



### AWS Solutions Architect - MicroDegree

AWSC-1420



### DevOps Engineer - MicroDegree

DOEC-1380