Yati Dole

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SUMMARY

MS student in Information Technology Management, AWS Certified ,Former DevOps Engineer with 2+ years of professional experience in the IT industry with sound knowledge and experience in the field of DevOps, Software Development, Cloud Computing.

EDUCATION

2019-2021   ILLINOIS INSTITUTE OF TECHNOLOGY   **Chicago, IL**
Candidate for Master of Science in Information Technology Management, May 2021

2012-2016   MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND ENGINEERING   **Mumbai, India**
Bachelor of Technology in Computer Science, August 2016

SKILL

- Highly skilled in **Continuous Integration and Continuous Delivery** such as **AWS CodePipeline**, **Jenkins**, **Jira**, **Vagrant and GitHub Actions.**
- Experienced with **Linux Administration** and **Container Orchestration** such as **Elastic Container Service, Docker**, **Kubernetes** and **Packer** as well as virtualization software like **VMWare and VirtualBox.**
- Proficient in programming language such as **Java** and **Python** and scripting language such as Shell, Bash and YAML.
- Database and Storage **MySQL**, **MongoDB**, **Amazon S3,Redis** and **DynamoDB**
- Proficient with **Source and Version Control Systems** such as **AWS CodeCommit**, **Github IBM RTC**
- Knowledgeable about **RDS**, **Serverless Architecture**, **Lambda**, **CloudFormation**, **monitoring through CloudWatch** , **Authentication using IAM** and **Encrypted Key Management using AWS KMS**

EXPERIENCE

2017-2019   ACCENTURE SOLUTIONS PRIVATE LIMITED   **Bangalore , India**
Application Development Analyst(DevOps Engineer), Health and Public Sector

- Facilitated full-cycle code flow, aligning with a cross-functional team on flawless deployment of 30+ releases of **Enterprise software** for California HealthCare Client.
- Demonstrated best **agile practices** and accelerated cloud migration by assisting the automation team with **working of subsequent on-premise procedures**.
- Provided support for Development and Testing team activities and supported **Production Deployment**.
- **Collaborated** with the Automation team to create a tool for automatic builds and deployments using maven.
- Expert in Source Control Management .Proficient in version control. Operated as a Tools Administrator to configure **IBM RTC, HP ALM**, and **GIT** and **Repository Manager Nexus Sonatype** in the organization.
- Maintained Jenkins pipeline to **achieve continuous integration and deployment**.
- Showcased capacity to solve complex problems and improved build process by 28% in prod and up to 50 % in non-prod.
- Formalized process documentation for future **knowledge base** while coordinating tasks.
- Independently mentored new joiners and worked as a part of a **cross-functional** team.

PROJECTS

2021   AWS ECOSYSTEM HOSTED CLOUD RESUME, ILLINOIS INSTITUTE OF TECHNOLOGY

- Implemented a static website using **S3, CloudFront** and **Route 53** and designed the webpage using **HTML,CSS** and **JavaScript**.
- Implemented a serverless backend consisting of **CloudFormation**, **DynamoDB, API Gateway** and **Python Lambda Functions** deployed using **AWS SAM.**
- Separate GitHub repositories used for frontend and backend CICD using GitHub Actions.

2021   VIRTUALIZATION PROJECT, ILLINOIS INSTITUTE OF TECHNOLOGY

- Demonstrated the concept of **building immutable infrastructure**.
- Successfully deployed a **7-node cluster application** via a **virtualization platform**.

2020   WORDPRESS AUTOMATED INSTALL, ILLINOIS INSTITUTE OF TECHNOLOGY

- Demonstrated concepts of **automation and container orchestration** by **building and deploying servers** using Packer and Vagrant.
- Utilized Packer and **post-install shell scripts to orchestrate the build** of two systems that have all the necessary code, configurations, and setup needed to deploy the entire web server and database.

2020   CLUSTER ANALYSIS, ILLINOIS INSTITUTE OF TECHNOLOGY

- Installed and Provisioned Linux machines on top of VirtualBox using Vagrant. Created a **Spark job with appropriate data structure** such as **Data frame and RDD** that will **read the appropriate source file in the remote Hadoop Cluster,** ETL of raw data for further processing.
- Re-designed the script to deal with bad records, number of executors required, memory, and other optimizations, such as compression to run the job in the shortest amount of time.

CERTIFICATIONS

- AWS Certified Developer Associate
- AWS Certified Cloud Practitioner

AWARD AND ACHIEVEMENTS

2019   Two-time winner of Accenture Excellence Award