

## 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 maintainable serverless backend consisting of **CloudFormation, DynamoDB, API Gateway** and **Python Lambda Functions** deployed using **AWS SAM**.
- Separate GitHub repositories used for maintaining frontend and backend CICD using GitHub Actions.

**2021** **VIRTUALIZATION PROJECT, ILLINOIS INSTITUTE OF TECHNOLOGY**

- Demonstrated the concept of **building immutable infrastructure via reusable scripts**.
- Successfully deployed a **7-node multi-tier 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