

# YATI DOLE

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## Summary

**Skilled DevOps Engineer** currently exploring full time positions and offering experience in automation & configuration management, Building and maintaining scalable and performant production infrastructure. Participate in troubleshooting and debugging infrastructure issues, on-call duties for production issues and Build and release management . Offer knowledge of AWS cloud,Linux Administration, infrastructure orchestration and build. Available to work remote as well as flexibility to travel and relocate.

## Areas of Expertise

Build & release ♦ Version Control Systems ♦ Continuous delivery and Integration ♦ Linux Administration  
Container Orchestration ♦ Amazon Web Services ♦ Serverless Architecture ♦ Tools Administrator ♦ Java Application  
Development ♦ Monitoring and Testing ♦ Object oriented programming ♦ Software Engineering

## Education

### MASTER OF SCIENCE – INFORMATION TECHNOLOGY MANAGEMENT

Illinois Institute of Technology, Chicago, IL

### BACHELOR OF TECHNOLOGY – COMPUTER SCIENCE

Mukesh Patel School of Technology Management and Engineering , India

## Technologies

AWS CodePipeline ♦ Jenkins ♦ Jira ♦ Vagrant ♦ Elastic Container Service ♦ Docker ♦ Kubernetes ♦ Packer ♦ MySQL ♦  
MongoDB ♦ Amazon S3 ♦ Redis ♦ DynamoDB ♦ AWS CodeCommit ♦ GitHub ♦ IBM RTC ♦ CloudWatch ♦ AWS Lambda ♦  
CloudFormation ♦ Authentication using IAM ♦ Encrypted Key Management using AWS KMS ♦ Java ♦ Python ♦ YAML ♦  
Linux/Ubuntu ♦ Shell/Bash Scripting ♦ REST API ♦ API Gateway ♦ docker-compose

## Professional Experience

*Accenture Solutions Private Ltd, Bangalore, India*

*2017 to 2019*

### **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 as well as production deployment.
- Collaborated with the Automation team to develop a Jenkins mirror for CICD.
- 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 conducted team meetups as a part of a cross-functional team.

## Projects

### AWS Ecosystem Hosted Cloud Resume

- 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.

### Virtualization Project

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

### WordPress Automated Install

- 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.

### Cluster Analysis

- 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.

### JAX-RS Message service

- Developed a REST API ,to demonstrate standardized way of communicating between client and server. REST API service was tested using Postman .
- Preferred JSON format for quick read and write from the server.

### Plant Care Java Application

- Created Behavioral and Structural representation for the Object-Oriented Software Development.
- Utilized an Open source community java Eclipse as the IDE for source code development. Front-end implemented using GUI Widget toolkit, Java swing and MySQL to query data, create tables and connect to the server .
- Implemented phase development and used GitHub for version control ,branching and source control.

### Projects in pipeline:

- Container orchestration using docker-compose.
- Deploying stateful clustered application using Kubernetes.

## Certifications



AWS Certified Cloud Practitioner



AWS Certified Developer Associate

## Awards and Achievements

- Two-time winner of Accenture Excellence Award (2019)