

Lakshmoji Rao Yalamati

www.linkedin.com/in/lakshmojirao-yalamati



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+91-9494321190

Experience Summary

- I have around 5+ Years of experience in Information Technology with a record of increased responsibility. Proficient in multitasking to achieve individual and team goals and also prioritizing and completing tasks to meet customers' needs.
- Customer focused with diverse industry experience including Infra design & build, Implementation of various Cloud Computing environments. Enjoys learning new technologies, programs and processes.
- As part of my assignments, I have been involved in scripting/automation of Linux & Windows Environment and Cloud Computing projects, and was responsible for designing, managing servers, software installation, monitoring, troubleshooting, build, deployment and process. in a highly demanding environment, taking sole responsibility and provided competent resolution to all problems during the tenure, ensuring 99.99% availability of servers for business units. Have a good understanding infra design for HA in addition that I have good programming skill on AWS/Azure Cli's, as well as Python.

| Education | |
|---|---|
| Bachelor of Technology, Electronics and Communication 2013 Pass Out | |
| Technical Skills | |
| Public Cloud Technologies | Cloud computing (AWS, Azure,GCP), (EC2, SSM, VPC, LB, S3, RDS, SNS, SES, Route53, CloudFormation, IAM, CloudWatch, CloudTrail, WAF, EFS, Lambda, Lex etc), Orchestration tools like Ansible, Terraform,Packer, Cloud Endure, Cloudamize |
| Containerization | Docker |
| Hardware / Platforms | Linux (Cent OS, RHEL, Ubuntu),Windows Servers |
| Programming Languages | Python, Shell scripting, JSON,YAML |
| Monitoring | Cloud360, AppDynamics, Dynatrace, NewRelic, Nagios |
| Database technologies | MySQL, Amazon RDS, MS SQL server |
| Versioning | Git,AWS CodeCommit |
| Log Aggregation and Analysis | ELK,EFK |
| Application and Web Server | Apache, Tomcat Server, IIS 7.0 |
| Other Utilities | AWS Developer tools,Jenkins,ChatBot, Service Now AWS AI Lex & Ploy, spinnaker |
| Location | Hyderabad, India |

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Certifications

| S. No. | Professional Society / Certification | Date Certified |
|--------|--|----------------|
| 1 | AWS Certified Solutions Architect Associate | Dec-14 |
| 2 | Implementing Microsoft Azure Infrastructure Solutions 70-533 | Mar-17 |
| 3 | AWS Certified Solutions Architect Professional | Nov-17 |

Contact Details

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Employment History

| Name of the Company | Designation | Address of the employer | From | To | Duration(Years) |
|----------------------------------|-------------|--|---------|----------|-----------------|
| ZelarSoft | TeachLead | ZelarSoft, Hyderabad,India | Sep-18 | Till Now | |
| NCR | SWDevOps-II | NCR, Hyderabad,India | June-18 | Sep-18 | 2 months |
| Cognizant Technologies Solutions | Associate | Cognizant Technologies, Hyderabad, India | Jan-14 | June-18 | 4+ |

Project Experience

Organization3: ZelarSoft

Project #1

| | |
|------------------------------|---|
| Title | Saplinghr(HR Software) |
| Operating System Environment | Linux(Cent OS, RHEL, Ubuntu) and Windows Server 2008/2012, AWS Cloud Computing, GCP, Linux, Windows, MySQL, Shell scripting, NewRelic, python, AWS CloudFormation, AWS CI/CD, AWS OpsWorks, s, Jenkins, |
| Team Size | 20 |
| Period | From 19th Sep 2018 to till Now |



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Client Description

The Saplinghr is a company that Build a better employee Onboarding and Core HR experience with Sapling

Project Description

The project is on hosting/maintaining the client website over AWS cloud which includes:

- High Availability System Design and Implementation
- Infrastructure Design, Delivery Management and Design Assurance
- Server Design and Implementation
- Scripting/Automation
- Implementation of terraform module and CI/CD using Jenkins
- Scripting on shell/python boto3

Organization2: NCR

Project #1

| | |
|------------------------------|---|
| Title | ODSP(Omni-Channel Decision Support Platform) |
| Operating System Environment | Linux(Cent OS, RHEL, Ubuntu) and Windows Server 2008/2012, AWS Cloud Computing, Azure, Linux, Windows, MySQL, Shell scripting, Dynatrace, python, Terraform, Harness, chef, OpenShift, site 24x7, Jenkins |
| Team Size | 20 |
| Period | From 25 rd June 2018 to 18 th Sep 2018 |

Client Description

The NCR Corporation is a company that makes self-service kiosks, point-of-sale terminals, automated teller machines, check processing systems, barcode scanners, and business consumables. They also provide IT maintenance support services

Project Description

The project is on hosting/maintaining the client website over AWS cloud which includes:

- High Availability System Design and Implementation
- Infrastructure Design, Delivery Management and Design Assurance
- Server Design and Implementation
- Scripting/Automation
- Implementation of terraform module and CI/CD using Jenkins
- Scripting on shell/python boto3
- Cloud Infra cost optimization

Roles and Responsibilities:

- Cloud DevOps Engineer, responsible for automation and orchestration of Finance Applications Deploy and monitor scalable infrastructure on Amazon web services using Dynamic tool set- Terraform/Packer/Cloudformation/Jenkins/Chef/Docker and etc.

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- Developed Chef cookbooks for various packages for Windows and Linux Platforms.
- Developed Chef resources to be used as wrappers by Development Team to make use of them in form of modules.
- Automated Chef cookbook uploads to Chef server with CI/CD.
- Automated various tasks with AWS using Python boto3, such as MongoDB Instance backup as EBS snapshots, Lambda functions to perform API based monitoring,
- Implemented ELK Stack for log aggregation, which collects logs from hundreds of servers in realtime, parses them to meaningful fields, and shows up in browser for concerned Team to go through.
- Developed Logstash filters to parse the diversified log data.
- Log data analysis - Made dashboards to get a view of what logs are conveying.
- Developed EFK Stack implementation and deployment in Openshift environment.
- Developed automated deployment Pipelines using Harness to deploy Applications, Openshift deployments. Also setup roll back.
- Responsible for specialized areas related to Chef, Cloud Automation and Log aggregation by being part of DevOps Platform Team.
- Provided risk assessment and recommendations for Jenkins environment running jobs for eCommerce builds, Sonarqube automated testing and common production support tasks.
- Integrating into DevOps lifecycle tools to enable continuous deployment and monitoring.
- Contributed in design and scripting of CI/CD pipeline for multiple cloud based applications and services, environment design and release deployment model.
- Implemented Openshift cluster deployment and application deployments in it using Helm charts.

Organization1: Cognizant Technology Solutions

Project #1

| | |
|------------------------------|--|
| Title | Cloud 360 Managed Services |
| Operating System Environment | Linux(Cent OS, RHEL, Ubuntu) and Windows Server 2008/2012, AWS Cloud Computing, Azure, Linux, Windows, MySQL, Shell scripting, Cloud360, python, cloud formation, AWS CI/CD, AWS Opsworks. |
| Team Size | 30 |
| Period | From 23 rd Jan 2014 to 23 rd June 2018 |

Client Description

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Worked with various clients:

Project Description

The project is on hosting/maintaining the client website over AWS cloud which includes:

- High Availability System Design and Implementation
- Infrastructure Design, Delivery Management and Design Assurance
- Server Design and Implementation
- Scripting/Automation
- Implementation of Integration of Application and Database

Role and Responsibilities

- Analyzing and validating the present customer environments and providing suggestion improving performance, reducing the security risks and cost efficient solutions.
- Design and Implement the architecture with HA (High Availability) and DR (Disaster Recovery) solution for new customer application or migrating the customer application from physical data center to cloud.
- Configured Linux servers like FTP, Telnet, SSH, NFS, Sendmail, httpd, DRBD Firewalls & Package Management using RPM and Yum.
- Automated daily tasks using shell scripting.
- Written shell scripts to export/import database backups from RDS & keep the same in S3 (AWS Storage).
- Configured and installed Nagios monitoring application (UI) in an appropriate Linux server to enable alerts like CPU, Memory, URL, etc.
- Implemented Patch Management for the client servers using WSUS Server and Symantec Endpoint Antivirus
- Proficient in tools like Putty, WinSCP, S3browser, Bucket explorer, Fast Glacier, S3CMD
- Onboard all instances to Cloud360 to be able to manage and monitor applications.
- Worked on Cloud Computing (AWS). Following are the features implemented and worked -
- Amazon EC2, EBS, S3, Glacier, RDS, ELB, VPC, Route 53, SNS, SES, CloudFormation, CloudFront, IAM, Azure ARM.
- Prepare knowledge base documents and keep them in share point folders.
- Monitored servers for CPU Utilization, Memory Utilization, and Disk Utilization for performance monitoring and written customized script to utilization details
- Interaction with 3rd party vendors, Client Teams and senior onsite Systems Engineers as necessary to optimally perform job responsibilities
- Create and Maintain detailed up to date technical documentation (e.g. standards, process, Run Books, change requests)
- Attend status review meetings and prepare send the status reports to stake holders.
- Regular proactive capacity planning and tending reviews of all systems

Scripting Experience 3yr:

- Power shell & Azure Power shell scripting
- Bash & AWC Cli scripting

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DevOps Tools:

- Chef, Ansible, Terraform, CloudEndure, Cloudamize, cloudformation, Harness, spinnaker, Jenkins, Tomcat, Git

Personal Details:

| | |
|-----------------|------------------------|
| Name | Lakshmoji |
| Date of Birth | 2-NOV-1990 |
| Marital Status | Single |
| Languages Known | English, Hindi, Telugu |
| Nationality | Indian |