

Moula Sab Agaluru

G04, Laa Lavender Apt,

MG Palya, Bangalore-560068.

Mobile: 9916601901

Email : moula.401@gmail.com

Summary:

4+ years of professional hands-on experience as Software Development in Testing and skilled DevOps Engineer with 2+ years of hands-on experience in Cloud platform in **AWS Services** and monitoring processes, supporting, automating, and optimizing mission critical deployments, leveraging configuration management, **CI/CD** and DevOps development in Windows, Mac and Linux systems.

Educational Qualifications:

Bachelor of Technology in Electronics & Communications(2007 – 2011) from JNTUA.

Experience:

- **DevOps Engineer at Roofandfloor(KSL Digital Ventures Ltd)**

September 2016 - Present

- **Sr QA Engineer at Commonfloor**

November 2011 - August 2016

Professional Summary:

- Strong expertise in cloud platform **AWS** services **EC2, RDS, S3, Route 53, VPC, IAM, Cloudwatch, SNS, CodeDeploy, Certificate Manager, Cloud Formation & Trust Advisor.**
- Experience in SSL certs configuration in AWS load balancer and server level.
- Experience in VPN, VPC & subnet creation and VPC peering for communication from one VPC to another VPC
- Experience in auto deployments using AWS CodeDeploy.
- Experience in web server nginx installation and configuration
- Experience in upgrade EC2 instances from one family to another family using ASG
- Experience in mount the disk space in running the EC2 instances
- Experience in continues Integration and deployment using **Jenkins**.
- Experience in configuration management and auto deploy using **Chef**.
- Experience in writing scrips using **shell scrips** and knowledge on **python**
- Experience in working with and supporting multiple development teams delivering a wide range of software applications.
- Experience in automate application monitoring checks with **Pingdom** in different environments and create alerts if application checks failed.
- Experience in send server level logs to **logentries** to give more visibility for developers while debugging the issues then send logs from logentries to S3 bucket.
- Experience in cloud platform AWS audit to reduce cost optimization, increase application performance & control security risks.
- Experience in jobs configuration and schedule in crontab and implemented rundeck for jobs monitor

- Experience in multi-site wordpress blog configuration.
- Experience in to setup log-rotation policy and send them to S3 bucket
- Experience in deployment java, nodejs and php application deployments in Production
- Experience in create data base backups and other application backups based on need and also good at writing sql queries
- Experience in writing technical specification document
- Experience in various testing types on Functional, Non-functional, Regression, UAT and API testing using **postman**
- Experience in various application testing like **web application and mobile application**
- Good understanding of Software Development Life Cycle (SDLC) and Agile software development process.
- Experience in project and bug tracking tool **JIRA**, write and maintain necessary documentation for devops using **confluence**.
- Exposure to product development and project development
- Quick Learner, good communication, committed to deliver timely, good logical and analytical approach, coupled with very positive attitude & team spirit.

Technical Skills:

- Cloud Platform – AWS Services EC2, RDS, S3, ELB, Route 53, VPC, SNS, IAM, CloudWatch, CodeDeploy, CloudFormation, Certificate Manager & Trust Advisor
- Configuration Management and Continuous deployment tool – Chef
- CI/CD Tool – Jenkins
- Source Control – Bitbucket
- Scripting language – Shell script and Python/Boto
- Logs monitoring application- Logentries
- Application monitoring tool Pingdom and Rundeck.
- Project management application –JIRA & Confluence
- Knowledge on container orchestration tools -AWS ECS and Docker
- API and performance testing – Postman and Jmeter

Project Profile:

Project : Domain Migration (Dec 18)

Role : Devops Engineer

Domain migration from **roofandfloor.com** to **roofandfloor.thehindu.com** is to get user trust and improve the brand value. This migration will help to improve the organic traffic and SEO and this will impact on revenue like user conversion and user engagement.

Responsibilities:

- Migrated domains thehindu.com and roofandfloor.in to AWS Cloud platform
- Configuration of sub domain for development and testing purpose
- Restore and maintain data in sub domain from production

- Database creation and configuration using latest snapshot in AWS RDS
- Distribute site traffic using AWS Application load balancer and configured third party SSL certs in CM
- Continuous Integration using Jenkins
- Auto deployment using Chef and configure alerts using CloudWatch
- Configure jobs and schedule in crontab or rundeck

Project : One click Deployment using AWS CodeDeploy

Role : Devops Engineer

CRM is the backbone for roofandfloor because managing complete content and user, builder related entities through only CRM. CRM tool is allowing to Listing team to create new localities, builder and listings, Calling team to engage user acquisition entities, and Sales teams to manage campaign and get user report in HBA service.

Responsibilities:

- Understand the complete functionality of CRM
- Proposed best approach for auto deployment
- Implement one click deployment using AWS Code Deploy with Jenkins
- Implement easy way to rollback the application if deployment fails
- Handling down time issues and restrict access
- Check the service monitor and restart if service is not running

Project : Code Base Migration (Apr 18 to Jul 18)

Role : Devops Engineer

Main scope of this project is to maintain one code base for all different pages, in this migration moved code from php code base to react code(nodejs) base. Distribute the site traffic to old and new pages using Route 53 with weight policy.

Responsibilities:

- Create and maintain different environments to test for QA team
- Involved in Auto Deployment using chef tool
- Involved in launching EC2 instances, Load Balancers, Target groups, Launch Configurations,ASG and DNS entries in Route 53.
- Distribute website traffic to different load balancers based on condition (Ex 30%, 70%)
- Build code using Jenkins and deploy in respective servers
- Configured alerts using CloudWatch Alarms for Load Balancers as well as EC2 instances
- Involved in Attach scaling policies in Auto Scaling Groups
- Configured logs to send in logentries then logentries to S3
- Configured alarms for server and application level.

Project: AWS Audit (Feb 18 to Mar 18)**Role : Devops Engineer**

Main scope of this project is to reduce cost for AWS resource, find security threads and create backup for application failure then increase performance and maintain 99% application availability to users. Security is the major concern, so implement keys based user access to servers instead of pem files.

Responsibilities:

- Cost optimization for AWS resources used
- Security implement in AWS Infrastructure
- Increase application performance using AWS resources
- Implemented user activity history
- Configured different pem file for different environments
- Implemented monitor cronjobs using rundeck

Project : Search functionality**Role : Sr QA Engineer**

Quikr being India's largest on-line portal which serves the jobs across multiple categories. It helps user to find the jobs very easily such that they can get their desired job more accurately .It also provides category detection and Attribute detection functionalities so that user can search on the portal with more relevancy.

Results:

Created and executed the test cases to uncover, identify and document the problems and their causes.

Responsible for overall testing for the applications.

Attended the workshop conducted by our peers for the test team.

Responsibilities:

- Involved in understand the requirements
- Involve in writing test cases and reviewing test cases written by the team members.
- Executing the test scripts, analyzing the results using Postman.
- Identified Defects, report them and retesting the fixes.
- Actively involved in the search sprint meetings and search stand-ups.
- Responsible for weekly status.
- Executing the API test cases using postman.

Project : Transformer**Role : Sr QA Engineer**

It's a platform where the end users can search their properties in the efficient way. It portrays the end users with the facility that searching is more benefited because of the various features. Here user can have a look at Virtual Tour, Common Retina and Video's regarding the properties. It allows user to search the properties with more efficiently without any ambiguity.

Responsibilities:

- Understanding the requirement & functional specifications, creating test cases.
- Tracking of the new requirements for the release.
- Escalating the critical issues in the application to the top management and development team.
- Reviewing Test cases.
- Executing the test scripts, analyzing the results and updating the status.
- Involved in API testing using Postman
- Writing and executing Test scripts using Web Driver and TestNG.
- Identified Defects, report them and retesting the fixes.
- Identifying features for the regression testing and performed Regression Testing.
- Responsible for daily and weekly status.

Project: Content Management Tool**Role : Sr QA Engineer**

Quikr being India's largest on-line portal which serves the classified across multiple categories. Project data tool helps to quikr executives to manage projects & properties. Using this tool they can create projects & properties and add more information like pdf files, videos, images & lot more data. Executives can will verify in front end whether added information is displaying or not. These created projects & properties will help to end users.

Responsibilities:

- Understanding Business requirements, estimation of tasks.
- Reviewing Test Cases written by the team members.
- Worked on Page Object Model Framework.
- Writing and executing Test scripts using Web Driver and TestNG.
- Identified Defects, report them and retesting the fixes.
- Actively involved in the search sprint meetings and search stand-ups.
- Involved in UAT with PM team
- Responsible for weekly status.
- Involved in Smoke, Sanity & Regression test