

Biju M

Associate Software Engineer

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Bilingual DevOps Engineer with background designing, testing and implementing infrastructure and applications. Talented performer with over 4 years of experience using source control tools to identify and fix bugs in code. Consistent team player with exemplary multitasking skills.

Skills

Project planning
IT solution development
Maintenance and troubleshooting
Performance Management
Effective communication

IT Forte

Operating System: Linux, Ubuntu, Windows, OS/400
Configuration Management Tools: Ansible, Terraform
CI/CD: Jenkins, CI/CD Automation.
Artifactory Server : Docker
Source Code Management: Git
Deployment Tools/Web Servers: Apache, Tomcat
Cloud Environments: Amazon Web Services
Atlassian/ Ticketing tools: JIRA,Zendesk,Workfront
Repository Tools: Docker Hub, Git
Scripting: Shell Scripting, Python
Security tools: IAM
Monitoring/Logging tools: Cloud Watch
Code Coverage Tool: SonarQube.
Linux Monitoring Tools: Prometheus and Grafana
Technology: IBM AS/400(I-Series)
Programming Languages: RPG/400, RPGLE, CL/400,
CLLE, Core Java
Database: DB2/400,MySQL

2020-03 - Current

DevOps Engineer

Island Pacific Retail Systems Private Limited, Chennai

Have total 4+years of experience in IT & 2+years relevant to Cloud & Devops Platform.

Client: Citicorp

- Create and maintain full automated CI/CD pipelines for Code deployment.
- Manage and configure **AWS services** as per the business needs (**ELB, Route53, S3, CloudWatch, IAM, VPC**).
- Experienced in creating complex **IAM policies**, Roles and user management for access within **AWS**.
- Actively manage, improve, and monitor cloud infrastructure on AWS, **EC2** including
 - Backups, patches and scaling.
- Used **Ansible** for Configuration Management and having good knowledge of writing Playbooks.
- Automated build and deployment using **Jenkins** to reduce human error and speed up production processes.
- Managed **GitHub** repositories and permissions, including branching and tagging.
- Setup/Managing **VPC, Subnets**, make connection between different zones blocking suspicious ip /subnet via ACL.
- Setup/Managing CDN on **Amazon Cloud Front** to improve site performance.
- Creating/ Managing AML/ Snapshots/ Volumes, Upgrade/ downgrade AWS resources (CPU, Memory, EBS).
- Created volumes and attach volumes on to **EC2** instances.
- Utilized **Cloud Watch** to monitor resources such as EC2, CPU memory, EBS volumes to set alarms for notification or automated actions and to monitor logs for a better understanding and operation of the system.
- Attaching or Detaching EBS volume to AWS EC2 instance.

Client: LT Foods Ltd

- Linux/Windows/Ubuntu servers on Amazon EC2 & monitor thru SNS & Amazon Cloud Watch.
- Creating/Managing AML/Snapshots/Volumes, Upgrade/downgrade AWS resources (CPU, Memory, EBS). Setup/Manage Databases on **Amazon RDS**
- Used **Ansible** to do configuration and to automate deployments
- Manage and configure AWS services as per the business needs (ELB, Route53, S3, Cloud Watch, IAM, VPC) in Global infrastructure.
- Handling L1 and L2 level issues, involved in the client calls, done several deployments, resolving the tickets to ensure system availability as per multiple Service Level Agreements (SLA).
- Implemented continuous delivery pipeline involving Jenkins, **Ansible** to complete the automation from commit to deployment
- Assisted developers with establishing and applying appropriate **branching**, labelling convection's using GIT source control
- Implemented and supported CI process via **Jenkins**

- Administrated and Implemented CI tools Jenkins for automated builds and also integrating unit test and code Quality Analysis Tool like **SonarQube**
- Hands on working experience on **Web Server (Apache)**, **Application Servers (Tomcat)** and **DB Server (MySQL)**
- Documented the entire installation process for various tools and provided on-call support.

2018-02 - 2020-02

Associate Software Engineer

Island Pacific Retail Systems Private Limited, Chennai

- Have 2 years experience in AS400 programming. Currently working as Associate Software Engineer in Island Pacific Retail Systems Private Limited.
- Have worked in IBM AS/400 technology having languages – ILE RPG, RPG/400, CLLE, CL/400 and DB2/400.
- Was also involved into Software Development, Testing and Implementation of AS/400 Business Applications.
- Able to work in enhancement, maintenance and production support projects.
- Have good knowledge on Screen design, Subfile concept and Printer files.

Education

2012-08 - 2017-04

B Tech: Information Technology

Hindustan University - Chennai