

Jithin Scaria

DevOps Engineer

About Me

DevOps Engineer with extensive experience working with numerous Cloud Platforms, including provisioning and managing infrastructure, moving workloads from data centers to the cloud, designing and installing CI/CD pipelines and automation jobs, configuration management, and scripting. Quick learner with a good mindset, strong interpersonal and team skills.

Work Experience

2022-Present

Capgemini Technology Services India Limited, Senior Professional I/C1


- Developed an automated solution for AWS pricing calculator using boto3.
- Migrated IBM UCD Pipeline to Jenkins pipeline.
- Launched EKS cluster using eksctl and terraform tool for POC purposes.
- Created python robot test case automation for kubernetes deployments.
- Created excel sheet report for AWS efs monitoring for IOPS.
- Provision AWS resources using terraform and integration with gitlab.
- Create Excelsheet report Datree, falco after running the security pipeline using python.

2020-2022

Allianz Technology Trivandrum , Senior Analyst

- Developed end to end automated solution for provisioning AWS Object Storage S3 using API Gateway and Lambda.
- Developed Azure App Configuration solution using the Azure function, Azure Storage Queue and Azure Function App.
- Developed Jenkins Pipeline and integrated python code to send emails with attachment.
- Deployed applications inside Openshift and Kubernetes environment.
- Developed a solution create AWS Transfer users and keys using python flask.
- Developed a Lambda function to cleanup old AWS AMIs and Snapshots from the production environment.
- Developed custom terraform provider to update Azure App Configuration values using Go and Azure Cli.
- Developed a solution to rotate the user's key for the servers using shell script and jenkins.
- Designed and developed Jenkins pipeline and groovy script to provision infrastructure using terraform for AWS and Azure clouds.
- Migration of Openshift cluster from 3.9 to 4.2 version in AWS restricted environment.

Contact

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Skills

- AWS Cloud
- Azure Cloud
- Terraform
- Ansible
- Jenkins
- Kubernetes
- Docker
- Python
- AWS API Gateway
- AWS Lambda
- Shell Scripting

Certifications

- Red Hat Certified Architect in Infrastructure - Certification ID - 150-047-561
- Red Hat Certified Specialist in Security: Linux - Certification ID - 150-047-561
- Red Hat Certified Specialist In Openshift Administration - Certification ID - 150-047-561
- Red Hat Certified Specialist In Openshift Developer - Certification ID - 150-047-561
- Red Hat Certified Specialist In Ansible Automation - Certification ID - 150-047-561
- Red Hat Certified Specialist in Containers and Kubernetes- Certification ID - 150-047-561
- Red Hat Certified Specialist in Advanced Automation: Ansible Best Practices- Certification ID - 150-047-561
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Work Experience

2018-2020

Hitachi Vandara Hyderabad, Cloud Engineer

- Developed and deployed automation solutions for multiple cloud platforms (AWS & Azure).
- Responsible migration assignments of Data Center workloads to cloud environments in an automated fashion.
- Experience in developing and deploying Serverless Functions in AWS & Azure.
- Develop API based solution to provision Azure resources.
- Develop and deploy API based solution to create resources in AWS.
- Configure and manage various Linux based servers as part of the infrastructure provisioning and implementation process.
- Configured CI/CD Pipelines for automation Jobs using tools like Jenkins, Git and Github.
- Developing IaC with tools like Terraform, AWS Cloud Formation.
- Configuring Jenkins server and jobs to provision infrastructure for Landing Zone projects, adhering to CI/CD practices.
- Implement Infrastructure that include AWS VPC, EC2, Lambda, API Gateway, S3, Elastic Load Balancer, Auto Scaling Groups, RDS, NoSQL databases, leveraging Python SDK (Boto3)
- Writing automation scripts and monitoring solutions in Python and deploying them as AWS Lambda Functions using Serverless Framework.
- Familiar with Docker and writing Docker Files to build Docker Images.
- Create Kubernetes cluster and application deployment in Kubernetes and OpenShift.
- Work on configuration management tools Ansible.
- Responsible for dealing with customers and presenting demonstrations of the designs and solutions as part of the Agile Scrum meetings.
- Responsible for mentoring interns and junior colleagues in their training and learning activities.

2016-2017

Nocme Technologies Trivandrum, Linux Support Engineer

- Installation, Configuration & Troubleshooting of Red Hat Linux Server, Fedora OS, Ubuntu, Centos.
- Manage and install Web Hosting products and related softwares. Worked Control Panels like Plesk, cPanel, WHM Panel.
- Provide technical support to all clients whose websites is hosted in different web servers. Configure DNS, SFTP, SSH, Telnet, SSL on production servers.
- Install, configure, Manage, monitor different kind of linux web hosting servers like Shared, VPS & Reseller and Services (Firewall, MAIL, APACHE). Worked in Virtualization technology and its softwares.
- Worked on AWS Services such as EC2, S3, RDS, EBS, EFS, Cloudfront, VPC.
- Worked on file sharing servers like NFS, SAMBA and FTP.
- Installation and configure of LAMP SERVER in Linux systems.
- Installation and administration of MySQL and PostgreSQL Database.
- Monitor Linux Server for CPU utilization, Memory Utilization and Disk Utilization for performance tuning and continues monitoring for a smooth run.
- Managing systems routine backup, scheduling jobs like disabling and enabling cron jobs.
- Experience in Setting up of version control software's GIT and SVN Repository server.
- Write in Shell Script and Python scripts to automate regular tasks.
- Ansible configuration, write playbooks for different client automation tasks.

Certifications

- Red Hat Certified Engineer (RHCE) - Certification ID - 150-047-561
- Red Hat Certified System Administrator (RHCSA) - Certification ID - 150-047-561
- AWS Certified SysOps Administrator - Associate - Certification ID - TPPPBC812JB4QJ55
- AWS Certified Solutions Architect - Associate - Certification ID - AWS-ASA-4064357
- Certified Kubernetes Administrator (CKA) - Certification ID - LF-gj2eh71joc
- Certified Kubernetes Application Developer - Certification ID - LF-zgymy1cmur
- Microsoft Certified Azure Fundamentals - Certification ID - H455-5369

Work Experience

2015-2016

Logic Labz Kottayam, Linux System Administrator

- Manage and control panels such as cPanel and WHM.
- Register domain names for websites.
- Create email accounts and perform mail backups on cPanel.
- Provide technical support to all clients whose websites are hosted on various web servers.
- Develop PHP code for website development.
- Perform LAMP installation.
- Handle the installation, configuration, and troubleshooting of Red Hat Linux Server, Fedora OS, Ubuntu, and CentOS.

Declaration

I hereby declare that the particulars of the information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Place:Kottayam
Jithin

Education

- M.C.A.
University Name: M.G. University,
Kottayam, Kerala
Year Of Passed Out: November -
2014
- B.C.A.
University Name: M.G. University,
Kottayam, Kerala
Year Of Passed Out: June - 2011

Personal Details

- Date of Birth : 3-10-1990
- Gender : Male
- Nationality : Indian
- Fathers Name : Ouseph Scaria
- Passport Number : M5171217