Contact

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Top Skills

Linux

Apache

Tomcat

Languages

Hindi

English

Certifications

Red Hat Certified Engineer

Jiss Joseph

DevOps | DevSecOps | AWS Consultant

Kochi

Summary

Early DevOps adopter with proven experience in Linux, AWS, Docker, Infrastructure as a Code, Continuous Integration/ Continuous Delivery, Cloud and Application Security, Logging and Monitoring.

Expertized in Orchestrating MicroServices based applications from Continuous Integration to Continuous Deployment/Delivery using Github, Circleci/Jenkins, ECR/JFRog, Amazon ECS and EKS.

Experience in implementing cloud and application security using Cloudtrail, Nessus, Alertlogic, Qualys, Evident, Prisma Cloud, Blackduck, Twistlock, Acunetix and Checkmarks.

Competencies: Linux, Apache, Tomcat, DNS, TCP/IP, AWS (Certified Solutions Architect - Associate Level)

DevOps Tools: Terraform, Cloud Formation, Jenkins, Circle CI, NewRelic, Splunk, ELK, Github, Grafana, Aviatrix, Jfrog, Slack, Atlassian JIRA and Confluence, Pingdom.

Experience

Cognizant

5 years 1 month

Staff Engineer, DevOps @ Cognizant Accelerator
January 2021 - Present (6 months)
Cochin Area, India

Senior Engineer, DevOps @ Cognizant Accelerator
October 2017 - December 2020 (3 years 3 months)
Cochin Area, India

Cognizant Accelerator is the product development group of cognizant, where we develop innovative products for our customers. I am glad to be a part of this group. The team has adopted DevOps successfully and my team is an

integral part of this group. Our applications are micro-services based and we have been successful in orchestrating continuous integration and continuous deployment of these applications using tools such as CircleCI, Amazon ECS, Amazon CodePipeline and Github. We have been successful in implementing some of the security best practices within our cloud infrastructure.

Roles and Responsibilities

1) Provide cloud based solutions for applications requirements and work with development team on the implementation side.

2) Automate Infrastructure creation using AWS Cloudformation by adhering to best practice such us Infrastructure Code check-in etc.

3) Create CI/CD pipeline to deploy/deliver code from Dev to Prod using Git/CircleCi/Jfrog/ECS/EKS

4) Enable Security scans along with CICD pipeline using Blackduck.

5) Design and develop solutions for cloud security, secrets management and key rotations

6) Enable High Availability and Disaster Recovery for accelerator applications

7) Participate in continuous improvement of architecture, infrastructure, processes including influence on the future direction and technology used for development

8) Monitor cloud-based systems and components for availability, performance, reliability, security, efficiency, Cost, and ability to meet non-functional

9) Maintain documents and diagram cloud solutions, capturing requirements to support various platforms and systems.

10) Troubleshoot production problems

Senior Associate
June 2016 - September 2017 (1 year 4 months)
Kochi, Kerala, India

Worked as Cloud/DevOps Engineer for a media client of Cognizant.

Intuit India
Sr App Ops Engineer
June 2015 - June 2016 (1 year 1 month)
Bengaluru Area, India

• Responsible for App Ops- Technical and Functional support- of a wide range of production applications/services including day to day support, weekly/ monthly releases, data fixes, and other regular patching activities

• Work closely with Product Infrastructure (PI) team to support ongoing maintenances e.g., Capacity planning and migration of apps between/within Data Centers, adding new servers and ensure minimal/no impact to customers

• Includes creating, developing & managing the deployment architecture for the application

• Primary contact to resolve production/hosting related issues and expected to work closely with Change Management, Release management, and extended Partner teams for bug fixes, regular deployments etc

• Partner with Engineering team(s) to develop appropriate Runbooks and for promoting code to different environments as part of periodic release schedule

• Applies knowledge of technology and operational best practices to drive design, development and implementation of operational standards and capabilities to enable highly available, scalable & reliable customer services/ experiences

• Analyzes and synthesizes a variety of inputs to drive end-to-end incident management process to restore service quick and then Root Cause Analysis(RCA) for long term fixes

• Developing monitoring architecture and implementing monitoring agents, dashboards, escalations and alerts

• Work closely with our Architects, Engineers, Product Managers and other clients and partners of the DevOps team to meet the needs of the organization to stay competitive - from the infrastructure up to the highest level of applications

• Take on the same responsibilities of being on-call, writing deployment scripts, debugging applications, evaluating new technologies

• Ticketing and documentation using JIRA and Confluence.

Akamai Technologies
Platform Operations Engineer II
August 2010 - June 2015 (4 years 11 months)
Bengaluru Area, India

• Remote server support for Linux production servers.
• Monitoring ~1,00000 distributed Linux server network using an internally developed 'Network management system
• Understanding, analyzing the root cause of an alert and solving it.
• Troubleshooting network connectivity issues with ISP's across the globe.
• Perform remote software installations; patch software/OS; troubleshoot connectivity problems on Linux and Windows systems
• Work with other team members to monitor and review system capacity and recommend upgrades.
• Handle escalations from various Internet Service Providers and respond them actively.
• Creation and customization of training manuals for team members.
• Remediating Network related issues.

• Performing periodic health checks on production servers assigned to me on critical parameters like File system thresholds, CPU utilization, checking disks drives for soft or hard errors, Basic checks on hardware errors, metadata base status.
• Mentoring the new hires to ramp up with their new hire certification program.

Microland Limited
DNS Administrator
June 2009 - July 2010 (1 year 2 months)

• Configuring DNS and DHCP and managing entire DNS infrastructure for fortune 100 Company.
• Configuring GTM/LTM based load balancing for high traffic and critical websites.
• Handling Incident Management and Change Management events.
• Coordinating activities with Vendor.
• Troubleshooting DNS and DHCP related issues.

• Following work structure compliant with ITIL and Six Sigma

Armia Systems, Inc
Systems Engineer
August 2007 - May 2009 (1 year 10 months)

• Co Ordinate the activities of a team of 14 members.

• Remotely administrating, managing and monitoring RedHat/ Fedora/ Cent OS/ Debian production Servers

• Customer Maintenance

• Web hosting and trouble shooting on Linux Servers

• Troubleshoot all application Issues

• Compilation and Installation Kernel and Softwares

• Security concepts /tools /services , booting routines, logging

• Website integration and management

• Performing server builds by installing and configuring DNS, Apache, MYSQL, PHP, Mail Servers, Firewalls, Security Software etc.

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Education

Mahatma Gandhi University, Kottayam
Master of Computer Applications (MCA), Computer Science · (2004 - 2007)