

Hemant Kumar Onboarding Engineer (DevOps)

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Earned Badges:



SUMMARY

7+ years of overall experience working in different areas like Infrastructure Automation, Continuous Integration (CI), Continuous Deployment (CD), Linux System Administration along with Onboarding Customers.

SKILLS

- **Infrastructure As Code (IAC):** Ansible, Terraform
- **DevOps Tools:** Docker, Kubernetes, Jenkins, GIT.
- **Scripting:** Shell Scripting, Python.
- **Database:** MySQL.
- **Web Servers:** Apache web server, Tomcat.
- **Cloud:** Amazon Web Services (EC2, S3, EBS, RDS, ELB, Auto Scaling, EKS, CodeBuild, CodeDeploy, IAM, etc.), Azure.
- **Monitoring Tools:** Nagios, Prometheus, Grafana.
- **Operating Systems:** Linux (RedHat, Ubuntu)
- **Bug Reporting Tools:** Jira.
- **Ticketing Tools:** Service Now

CERTIFICATIONS

- **CKAD: Certified Kubernetes Application Developer.**
- **CKA: Certified Kubernetes Administrator.**
- **AWS Certified Solutions Architect – Associate.**
- **ITIL Certified (v4 Foundation)**
- **RHCE: Red Hat Certified Engineer**
- **RHCE: Red Hat System Administrator**

PROJECTS:

- **OTA (legacy to Ansible)**
Converted legacy app into ansible playbooks and reduced the deployment time by 90%.
- **EKS Cluster Deployment using Terraform**
Designed and deployed a highly available & scalable, reliable and secure production grade EKS (Elastic Kubernetes Service) using Terraform.

EDUCATION

- **B. Tech in Information Technology** from **St. Margaret Engineering College**, Alwar (Raj.), India in **2012**.

EXPERIENCE

Onboarding Engineer (DevOps)

Apr 2019 – Present

Kigen India (transferred from arm), Noida (U.P), India

- Performed migration of 3-Tier Application from Physical servers to AWS Cloud.
- Designed and implemented a fully automated single click release deployments (CI/CD) framework to increase release productivity by 75%.
- Migrate the application on Docker/Kubernetes and set up Kubernetes cluster on Amazon EKS and taking care of Kubernetes Master and Nodes and write YAML files.
- Migrated many on-premises applications to cloud to optimize cost.
- Responsible for setup/management of Apache, Nginx web server, and TLS/SSL production-ready certificates.
- Setup CI/CD pipelines.
- Setup/ migrations of new application components.
- Administration/development of Kubernetes and it's ecosystem using Helm charts, Istio.
- Deploying and managing infrastructure as code using Terraform and Ansible.
- Installed and Configured tools such as Kibana, ELK.
- Actively testing and deploying software releases on Cloud Sandbox servers, before moving them to Production.
- Automating ad hoc tasks by scripting skills using Python and Bash.
- Implemented SSL, TLS, X509 and Key Management on the production ready applications.
- Provides technical trainings within team's.

Network Specialist

Feb 2016 – Apr 2019

Aricent Technologies Ltd., Gurgaon(H.P), India

- Managing Linux servers instances over AWS Cloud Infrastructure.
- Actively involved in AWS Cloud provisioning, infrastructure and migration at cloud scale.
- Actively manage and improve cloud infrastructure on AWS, EC2, S3, and RDS, including backups, patches, and scaling.
- Experienced in running large scale online systems built on AWS and On-prem.
- Trouble shoot issues / problem on various environments (Linux & databases) including troubleshoot app/ error logs and identify deployment / application issues.
- Involved in meetings, technical reviews, upgrade activities, and onsite delivery activities for current employer customers.
- Writes clean, well-documented deployment guides, technical documentation on Confluence & SharePoint and provides project-related training to the team members.
- Work experience in production support teams. Provided managing more than 15 telecom Giants worldwide in NEC Europe project.

Linux Engineer

Jun 2014 – April 2015

Tetra Information Service Pvt. Ltd., Delhi, India

- Used to evaluate the software releases on Pre-Prod Servers and later deploy it over the Production Server.
- Experience working in UAT/ Prod (controlled) Environments.
- Setup, configuration, upgrade, maintenance and troubleshooting of servers running on different Linux Servers such as Centos, Ubuntu and RedHat.
- Configuring new nodes into Nagios Servers.

IT & Cloud Service Engineer

Oct 2012 – Jan 2014

Ericsson Global India Pvt. Ltd., Gurgaon, India (Payroll - IND INNOVATION Pvt. Ltd.)

- Performed Linux system administration tasks.
- Writes RCA's for the critical issues.

Declaration

I hereby declare that all the information given above is correct up to my knowledge.

Place: New Delhi, India.

HEMANT KUMAR