

Suman Naidu AWS&DevOps

RESUME

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Career profile

Professional in IT with 5 years of experience as AWS&DevOps Engineer. A proven track record of success, leading complex projects while managing cross- functional resources to drive efficiency in enterprise technology operations.

Experience Summary

* **In-depth knowledge of DevOps management methodologies and production deployment Configurations.**
* **Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, Glacier, ELB, RDS, IAM, Route 53, VPC, Auto scaling, Load balancer, Certificate Manager, Cloud Front, Cloud Watch, Cloud Trail, Security Groups, Trusted Advisor, SNS, Security Hub, Guard Duty, Trusted Advisor, WAF, ECS, ECR, Elastic Search, Lambda, System Manager, AWS Code Pipeline, Cloud Formation, SSO, KMS, Elastic Beanstalk.**
* **Experience with Jenkins as Continuous Integration / Continuous Deployment Tool and strong expertise with Git and Jenkins Build Frameworks. Involved in to various platform deployments like : JAVA, PHP, Magento, Wordpress, drupal, Node and AngularJS**
* **Monitor, build and deploy software releases and provide support for production deployments.**
* **Experience in Setting up and monitoring systems using Site24/7,Nagios, Newrelic, Uptime Robot tool.**
* **Experience in deployment of multiple PHP framework and Node, angularJS**
* **Creating Tech Bridge calls depending on the impact and working with multiple teams to resolve the issue.**
* **Experience with AWS Security services.**
* **Experience with log Managment Service Elastic search.**



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* **Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.**
* **Experience with Jira ticketing tool addressing SLA’s.**
* **Experience in Incident management tool Opsgiene.**
* **Experience on ITIL and SDLC process.**
* **Used Ansible for configuring and managing multi-node configuration management over SSH and Shell.**
* **Experience with the functional usage and deployment of applications in Apache Tomcat.**
* **Configured and Deployed application packages on to the Apache Tomcat server. Coordinated with software development teams and QA teams.**
* **Experience in DNS management like Godaddy,R53.**
* **Skilled in monitoring servers using Nagios, Cloud watch.**
* **Ability to quickly understand, learn and implement the new system design, data models in a professional work environment.**
* **Joining daily and weekly sync up calls with Management / Stakeholders and providing the inputs to improve the quality of the service.**

TECHNICAL SKILLS:

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| --- | --- |
| **Cloud/Virtualization Technologies** | **Amazon Web Services (AWS)** |
| **Version Control Tools** | GIT |
| **Databases** | Amazon Aurora, MySQL, MongoDB |
| **CI /CD Tools** | Jenkins, AWS Code Pipeline |
| **Config Management Tools** | Ansible |
| **Web/ Application Servers** | Apache ,Apache Tomcat, Nginx |
| **Operating Systems** | RHEL, Ubuntu, CentOS, Amazon Linux |
| **Code quality analyiser tool** | Sonarqube |
| **Log managment tool** | Elastic search |
| **Scripting/Programing** | Shell |
| **Other Tools** | Putty, Nagios |



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| **Containers** | Docker,ECS |
| **Orchatration Tool** | Kubernetes |
| **Ticketing Tool** | Jira |
| **Incident Management Tool** | Opsgiene |



PROFESSIONAL EXPERIENCE:

Project3:

Ibex Labs

Designation: Devops Engineer Client: Delivery Solutions Roles and Responsibilities:

* + **Deployed& Configured PHP and Node applications on Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack.**
  + **Working experience on creating pipeline and freestyle jobs in Jenkins CI/CD pipeline.**
  + **Working experience on version upgrading , patching and user management in Jenkins.**
  + **Working experience on Docker containers installing and monitoring through cloudwatch containers insights.**
  + **Creating and launching ECS Ec2 servers and Deploy applications.**
  + **Monitoring applications and infra through monitoring tools like Cloudwatch, New relic and Nagios.**
  + **Monitoring urls using uptime robot tool and ssl monitoring using Nagios.**
  + Working experience on jira ticketing tool and Service level aggrements.
  + Working experience on opsgiene incident management tools.



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* + Working experience on integration part of Slack, Opsgiene, Jira and monitoring tools to set up priority level alerts.
  + Working experience on billing and cost explorer.
  + Working experience on aws saving plan and RI’s.
  + Working experience on AWS code Pipeline set up to automate code deployments.
  + Working experience on Docker containers and ECS.
  + Working experience on Cloudwatch dashboards and alarms creation.
  + Working experience on aws managed support program.
  + Working experience on Infra monitoring skills like, Logging,Alerting,Monitoring,Patching,Billing.
  + Working Experience on application logs monitoring on Elastic search logs.
  + Working experience on cloudwatch logging group creation,Private urls monitoring using cloudwatch synthetics.
  + Working experience on cloudwatch event rules creation for Guard duty findings alerts and Personal health dashboards creation.
  + Working experience on s3 logs analyise with Athena tool.
  + Working experience on cloud front ,s3 static content hosting and mapping domains.
  + Working experience on ssl creation at server level encryption and load balancer level acm creation.
  + Experience on data encryption using kms keys.
  + Experience on taking RDS backups and restore new dbs with snapshots.Having good trouble shoot skills on rds.
  + Working experience on RDS slow query logs finding using performance insights dashboards.
  + Making documentations and runbooks for every new thing on environment.
  + Attending Bridge calls for priority level issues.
  + Having Good troubleshooting skills on incident tickets.
  + Working experience on R53 url health checks creation.
  + **Involved in performing application deployment to AWS Elastic Bean Stack environment.**
  + **Creating and configuration new production, Dev environments**
  + Attending Scrum ,Weekly lead ,Billing ,Touch base calls.



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Project2:

Vendesy India Pvt ltd Client: TRAY

Designation: System Administrator Roles and Responsibilities:

* **Working with a strong team of architectures, backend developers to gather function and non-functional requirements.**
* **Involved in performing application deployment to AWS Elastic Bean Stack environment.**
* **Deployed& Configured PHP and Node applications on Amazon Web Services (AWS) for a multitude of applications utilizing the AWS stack**
* **Creating services using EC2 instances, Auto Scaling, S3, Elastic Load Balancers and AMIs and snapshots by utilizing EBS**
* **Creating and configuration new production, Dev environments**
* **Setup/Managing Databases on Amazon RDS. Monitoring servers thorough Amazon Cloud Watch, SNS**
* **Create, manage, and delete users and groups as per the request using Amazon Identity and Access Management.**
* **Giving support to Dev team in case any optimization/troubleshooting going on for performance of application**
* **Log managment tool installes and manged using Elastic search,loagstash**

,Kibana,Heart beats.

* **Code quality analyiser tool install and configure managment with sonarqube.**
* **Automation and DevOps - automation for the tasks which are done manually and keep updating them. Working on CI-CD pipelines to provide quick releases.**
* **Used Shell scripts to automate the Build and deployment process.**



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* **Used AWS-CLI scripts to automate the AWS resources automation.**
* **Writing scripts in Ansible YAML, Shell and shell-AWSCLI**
* **Setting up Virtual Private Cloud with different subnets, RT, IGW, NAT**
* **Creating IAM Policies, Roles, Groups, Access keys, MFA using of IAM**
* **Creating domain records and subdomains in host zone using Route53 for DNS management**
* **Monitoring & troubleshooting with performance related issues**
* **Creating VPC peering and VPN**
* **Hosting static and dynamic web pages using with on Cloud Front**
* **Coordinating with other internal teams for trouble shooting production issues**
* **Active participant in scrum meetings, reporting the progress and maintain effective communication with each team member and manager.**

Project 1:

Zeo Infosoft Technology

Client: Salon CloudsPlus Designation: AWS Admin

Roles and Responsibilities:

* **Providing L1 & L2 administration support (24\*7)**
* **Management of Linux Servers with Multiple websites**
* **Systems administration, maintenance & monitoring various day-to-day operations.**
* **Creation and Managing Users / Group accounts and set up a user's work environment.**
* **Perform all duties relating to Linux System Administration, Logical Volume Manager, File system and software technical support.**
* **Package management using RPM and YUM repositories**



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* **Setting up and configuring SSH generating key**
* **Fixing the free space issues for all production and development servers file systems alerts.**
* **Monitoring System Performance of Virtual memory, System events, Swapping, Disk utilization, CPU utilization.**
* **Restarting services on production servers on daily basis.**
* **Monitoring & troubleshooting with performance related issues**
* **Maintain uptime (achieved 95-99% for customer servers.)**
* **Involved in designing and deploying a multitude applications utilizing almost all AWS stack.**
* **Creating Dev, QA and Production environments setup based on requirement in AWS with the components like: VPC, EC2, RDS, ELB and S3 buckets.**
* **Installed and Setup LAMP servers.**
* **Increasing EBS backed volume storage capacity when the root volume is full using AWS EBS Volume feature.**
* **Creating domain records and subdomains in host zone using Route53 for DNS management**
* **Automation and DevOps - automation for the tasks which are done manually and keep updating them. Working on CI-CD pipelines to provide quick releases.**
* **Monitor Trusted Advisor to Identify Cost optimizing, performance, Security and services**
* **Involving App and DB team discussions**
* **Good knowledge on Git And Bit buckets**
* **Creating CI/CD pipelines using Jenkins, Git and AWS S3.**
* **Monitoring servers thorough Amazon CloudWatch, Nagios Pingdom and NewRelic**
* **Creating/Managing AMI/Snapshots.**
* **Troubleshooting EC2 Instance Issues like: not reachable, password recovery, data recovery.**
* **Setting up Cloud Watch Alerts and Alarms for various AWS Services.**
* **Hosting static and dynamic web pages using with on Cloud Front**
* **Troubleshoot all occurring problems on 24\*7 bases.**



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Career growth

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| **Organization** | **Duration** | **Location** | **Place Hold** |
| Eway Corp | Nov -2021 to till | Hyderabad, India | Cloud Engineer |
| Ibex Labs | Dec -2020 to July-2021 | Hyderabad, India | Devops Engineer |
| Vendsy India Pvt ltd | May-2019 to Aug-2020 | Hyderabad, India | System Admin |
| Zeo infoSoft | Nov-2016 to May-2019 | Hyderabad, India | AWS Admin |

Certifications

1. AWS Associate Solution Architect
2. **AWS Associate Developer**

Educational details

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| **Post Graduation** | **Period** | **University/Board** | **Specialization** |
| M.tech | 2015 | B.V.Raju Institute Of Technology | Electrical Power Systems |

Personal information

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| Marital status | Married |
| DOB | 06/06/1989 |



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Place: Hyderabad Name: Suman Naidu

Date: