

## **Ojashvi shivwanshi**

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### **PROFILE SUMMARY**

- Around 4 years of experience in analysis, application development/enhancements, debugging, infrastructure migration/upgradation and unit testing.
- Experience in working with Perl/shell scripting.
- Knowledge and working experience with Redis, memcached and Postgresql.
- Experience in Release Engineering(Branching, versioning, tagging), Artifactory, Nexus and CI/CD tooling(Jenkins).
  - Experience of working with version tool like git, and build tools like maven.
  - Knowledge of AWS cloud especially EC2, IAM, ELBs, EBS, S3, securitygroups, VPC, and subnets.
  - Hands on experience with Chef infrastructure by writing cookbooks, using chef-vaults, working with knife tool and maintenance.
  - Knowledge of SDLC, agile methodologies, JIRA ticketing system.

### **PROFESSIONAL EXPERIENCE**

Senior Software Development Engineer

Afour Technologies Pvt.Ltd.,Pune April'17 till present

#### **Cloud and Kubernetes Migration**

- As apart of migrating infrastructure from Datacenter to AWS cloud, created new hosts, wrote pipelines for deployments, testing, configured nagios and grafana for monitoring.
- Worked with configuring the AWS ELBs to enable the production traffic on EC2 instances, configuring different security groups required for production(private/public) instances.
- Integrated fluentd with the hosts to send logs to S3 for critical services so logs can be queried using AWS athena services.
- Writing Docker files for migrating Services(java/node js/perl ruby) over Kubernetes using helm(packaging), Rancher UI for managing deployed applications, Vault and consul for environment segregation.
- Configured Jenkins pipelines and wrote jenkinsfile for automating deployments over Kubernetes.

#### **Sustenance Engineering(Enhancements, feature addition, maintenance)**

- Involved in debugging software issues and analysis of developed applications primarily written in perl, its maintenance and enhancements. Wrote unit-tests for enhancement testing.
- Completely owning the critical caching systems(Redis, memcached). Successfully completed the activities like enabling authentication, migrating/upgrading OS with no downtime.
- Configuring nagios and grafana for alerts and monitoring.
- Following project life cycle methodology like Agile, documented rigorously and continuously.
- Participating in Release Management and deployments.
- Providing Pagerduty support 24\*7.

#### **Compliance**

- As part of host OS upgradation, worked on analysis of Linux hosts (codebase in Perl/Java) for its functionality, migrated the services to ubuntu16.04, defined test cases and migration to higher OS.
  - Worked on writing cookbooks for automating installation of various services, working with chef-vaults, knife tool and cookbooks maintenance/upgradations.
  - Configured nagios and grafana of migrated hosts for monitoring.
  - Participating and managing the deployments.

## **TECHNICAL SKILLS**

- Languages : ruby, shell, bash and perl scripting.
- Cloud :AWS.
- Versioning tools :Github.
- Configuration Management:Chef.
- CI-CD tool:Jenkins.
- Build tools: Maven
- Platform: Linux(Ubuntu), Windows
- Containerization: Docker, Kubernetes, Helm
- Virtualization:Vagrant
- Databases: Postgresql, Redis,Sqllite3,Memcached.
- Others: MS Office,JIRA

## **ACADEMICS**

- M.Tech(CSE) from Acropolis Institute of Tech. & Research, Indore in Feb 2016 with 76%.
- BE (IT) from Hitkarini College of Engineering & Technology, Jabalpur in 2012 with 67%.

## **PERSONAL DETAILS**

Date Of Birth : 24th Aug 1989  
Languages Known : English, Hindi