**Pritam sundar Das**

DevOps Engineer

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**Experience summary**

* Over 3.3 years of experience as a Software engineer, ability to use wide variety of open source technology and tools. Experienced with systems, IT operations and spend majority of time by configuring, common off the shelf software, scripting.
* Experienced with Server Virtualization using **Vagrant** and **AWS**.
* Experienced with **Ansible** as System Configuration Tool and knowledge on chef, puppet.
* Experienced in **Managing User Accounts and Groups, Managing Files, Directories, and Configuration, Managing Services, Volume Management.**
* Hands on experience with **Git** as Source Code Management System and knowledge on SVN, CVS.
* Experienced with **Jenkins** as Continuous Integration / Continuous Deployment Tool.
* Experienced with **Nagios, CloudWatch** as IT Infrastructure Monitoring tool
* Strong experience with **Ant** and **Maven** Build Frameworks.
* Experienced with Web/Enterprise Application Deployment Technology specifically including **Windows, Linux, Apache, Tomcat.**
* Experienced with various Services of AWS: **EC2, Elastic Beanstalk, ELB, Route53, S3, CloudFront, SNS, RDS, Redshift, IAM, CloudWatch and CloudFormation,Haproxy,SSH configuration.**
* **Applying enterprise and solution architecture decisions to data architecture frameworks and models by using Redshift.**
* Experienced in the atmosphere of cross-functional team within the organization’s **Agile** Project Life-cycle.
* Team player with good **Communication** **and Interpersonal Skills.**
* Strong problem solving and critical thinking skills.
* Knowledge on Azure cloud.

**Education:**

* B.Tech in Electrical & Electronics Engineering in 2013, PIET, BPUT ODISHA, India.

**Technical Skills:**

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| **Platforms** | **Linux (Red Hat 4.x,5.x,6.x), Centos6, Ubuntu, windows** |
| **Virtualization** | **VMware, virtual box, AWS (EC2, ElasticBeanstalk,ELB,Route53,S3,Cloud Front, SNS, RDS, IAM, CloudFormation)** |
| **Languages** | **Shell scripting,Python** |
| **Configuration Management** | **Puppet, Chef,Ansible,** |
| **Source Code Management** | **GIT, SVN, CVS** |
| **Continuous Integration** | **Jenkins** |
| **Build tools** | **Ant, Maven** |
| **Web and Application Servers** | **Apache 2.x,Apache Tomcat 6.x, 7.x.** |
| **Monitoring tools** | **Nagios, Cloud Watch(Aws)** |

**Work Experience Details:**

**AUTHENTIC ENGINEERS (as an Application Engineer from 2014 jan to 2015 nov in core industry)**

**YBR Infotechs Pvt Ltd 2016 April - present**

**Software engineer)**

**Right now in Accenture(client location) from 2017 oct to till now.**

**Project 1**- **Arista Aviation.(https://www.aristaas.com)**

**Description** : Arista Aviation is a best value full support maintenance provider with a primary focus on the popular light and medium Bell Helicopter product line.Automate the entire repair cycle of an aircaft right from inbound to test flight.

**Responsibilities:**

* Build and deployments of java applications in pre-production and production environments.
* Designed and implemented Software configuration management (SCM) and change management (CM) solution using SVN, Jira, Clear Quest (Change Control tool).
* Used GIT, SVN in creating the packages, snapshots, branches and tags for developers in version control.
* Administrated all aspects in GIT and troubleshoot with merge conflicts.
* Virtualized the servers using the Docker for the test environments and dev-environment needs.
* Diagnosed and resolved problems associated with DNS, VPN, and Apache  
  Used Jenkins for Continuous Integration and deployment into Websphere Application Servers.
* Worked on weekly merges for different branches and resolving the conflicts as part of release activities.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2,Chef, and custom /Bash scripts.
* Worked closely with software developers and Devops to debug software and system problems.
* Configured NFS and Open LDAP services in Red Hat Linux and Solaris systems.
* User, Group management for all the UNIX servers.
* Implemented continuous deployment system with Jenkins.
* Automated the cloud deployments using chef, python and AWS Cloud Formation Templates.
* Used Maven as build tool on Java projects for the development of build artifacts on the source code.
* Troubleshooted Build and Deployment Issues, with little downtime.

**Environment** **:** GIT, Maven, Jenkins, Linux, Nexus, Ansible, Docker, Tomcat, Shell Scripting.

**Roles & Responsibilities:**

* Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates.
* Configure, deploying and installation packages through Jenkins by writing Ansible playbooks and roles.
* Writing a Scripts for Ansible package installation and file deployment.
* Ansible’s unique multitier, multistep orchestration capabilities helps archieve CI/CD.
* Good experience in Configure, deploying and installation packages through Jenkins by writing Ansible playbooks and roles.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Integrated GIT into Jenkins to automate the code check-out process used Jenkins for automating Builds and Automating Deployments.
* Setup various Jenkins jobs for build and test automation.
* Writing a Docker image file while creating on containers.
* Establishing a ports for Docker containers and run multi containers for single application.

**Project 2** : Mobile Detail Service ([http://www.onsitedetailing.net](http://www.onsitedetailing.net/))

Project Description : on site Detailing is a sevices Based Project which provides the car services through internet.

student mastery of the delivered curriculum and thus transforming the grading activity into a real time actionable assessment data to drive

**Responsibilities:**

* Worked with various services of AWS: **EC2, Elastic Beanstalk, ELB, Route53, S3, Cloud Front, SNS, RDS, IAM, Cloud Watch and Cloud Formation.**
* Worked in atmosphere of cross-functional team within the organization’s **Agile** project life-cycle.
* Worked with architects, developers, QA and cloud development **team** to implement cloud applications, systems, and automated processes.
* Used **Jenkins** as continuous integration tool: creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports etc.
* Used **Git** as source code management tool: creating local repo, cloning the repo, adding, committing, pushing the changes in the local repo, saving changes for later (Stash), recovering files, branching, creating tags, viewing logs etc.
* Used **Nagios** as IT infrastructure monitoring tool: monitoring host resources such as processor load, disk usage, system logs, monitoring applications, services and network protocols.
* Installed and configured Apache Webserver, WebLogic Application Server and Oracle databases.
* Performed server updates, patching, upgrades and package installations.
* Installing RedHat Linux using kickstart and applying security polices for hardening the server based on the company policies.
* Proven experience with software protocols, and Internet standards
* Configured servers to provide networking services, including **HTTP/HTTPS**, File Transfer Protocol **(FTP),** network file system **(NFS)** and server message block **(SMB),** Simple Mail Transfer Protocol **(SMTP),** secure shell **(SSH)** .

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