### PANKAJ

SINGH

1346 sector 68,mohali, Mohali, Punjab 160062 | +919910046427 | horizonpankaj@gmail.com

Accomplishments

* Experience with Maven ,Ant,Gradle
* Hands on Experience on working different platforms like Unix, IBM-AIX, Solaris, Microsoft Windows 2008/12/16,AWS,Google Cloud,Microsoft Azure,
* Good understanding of firewall and VPN technology.
* Good understanding of ITIL process like Incident Management, Problem Management, Change Management etc.
* ITIL V3 Foundation certified.
* Well versed through validation and verification process.
* good understanding of quality.
* Sound knowledge of test management tool HP Quality Center, HP Application Lifecycle Management and Rational Clear Quest tools.
* Devops tools : Terraform,Chef,Puppet,Packer,
* CI/CD Tools: Jenkins , Hudson,Cirlce CI
* Scripting Language: Shell Scripting , Powershell scripting,batch scripting,Python,Perl
* Supervised team of 4 staff members.

Professional Summary

To be an active part of a growth oriented and versatile organization and to create a distinguished identity for myself through continuous learning and improvement.

Skills

|  |  |
| --- | --- |
| * Linux , Unix, Solaris, AIX , Win2K8,2K12/16, Microsoft Azure,AWS, Google Cloud * HARDWARE: IBM, HP, Dell Servers * MQ Series Family : WMQ, WMB, Workflow, WebSphere Application Server * LANGUAGES: C,C++, JAVA, J2EE, JDBC,CoreJava * SCRIPTING: Shell scripting, python,batch,powershell scripting * WEB SERVERS: Apache, IBM Web sphere and IIS 6.0,nginx * APP SERVERS: Websphere , Weblogic, Jboss , Tomcat, * DATABASE: Oracle 9i , Oracle 11g , 12c,SQL 2K5/2K8 * TICKETTING TOOLS: AOTS Remedy, Itrack, HP Quality Centre, HP service Desk * APPLICATION TOOLS: Putty, Nagios,Netcool,SVN,Hudson ,SQL Developer,Jconsole,JVM * CI TOOLS: Jenkins , Hudson * Data analysis * Data management * Team leadership | * Methodology implementation * DevOps principles * Performance management * Developer collaboration * IT solution development * Maintenance and troubleshooting * Python and Ruby proficient * Workflow analysis * Configuration management * Expert in Java, PHP and Perl * QA tools * Bug tracking * Windows and Linux * New employee mentoring * System analysis * Project management |

Work History

MARCH 2019 to DEC 2020

Senior Systems Engineer | EPAM Systems India Pvt Ltd Bangalore

Client: UBER:

* Developing CI/CD roadmap and implementing to the project
* Play a significant role in establishing operational processes for a fast-growing distributed cloud platform.
* Improve deployment process within AWS (ex. cross-region automated deployment).
* AWS services administration: IAM, VPC, Route 53, EC2, S3, CodeBuild, CodeDeploy, Redshift, RDS, CloudWatch, CloudFormation
* Improve automated test and simulation frameworks.
* Develop and automate standard operating procedures around common failure scenarios.
* Monitor, analyze, and report performance statistics for cloud hosted environments.
* Develop application performance management to measure and act upon performance data.
* Consult and contribute to system architecture.
* Develop application features and improvements.
* Participate in on-call schedule in local timezone.
* Write clean, well-documented, and resilient code.
* Worked on infrastructure with Docker containerization.
* Kubernetes is being used to orchestrate the deployment, scaling and management of Docker Containers.
* Implemented build stage- to build the micro service and push the docker container image to the private docker registry.
* Used Jenkins pipelines to drive all microservices builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes
* Building/Maintaining Docker container clusters managed by Kubernetes Linux, Bash, GIT, Docker, on GCP (Google Cloud Platform) . Utilized Kubernetes and Docker for the runtime environment of the CI / CD system to build, test deploy.
* Developed microservice on boarding tools leveraging Python and Jenkins allowing for easy creation and maintenance of build jobs and Kubernetes deploy and services.
* Experience on Deployment Automation & Containerization (Docker, Kubernetes).

May 2017-JAN 2019

Senior Devops Engineer | Emerson Information Technologies Solutions Mohali, Emerson | Mohali, Punjab

* Administrating application server like Web logic, Web sphere, Jboss and Tomcat in both Unix and Windows Environment and 8+ years of experience in Build and Release systems, Docker, Jenkins, VMWare, RHEL, SVN.
* Creating fully automated CI build and deployment infrastructure and processes for multiple projects.
* Designing and Setting up AWS infrastructure
* Automation of infrastructure using Terraform and Ansible
* Migrating infrastructure to AWS or other providers using Terraform
* Control finely granulated/or frequent changes using Puppet, Ansible or Chef
* Build cross platform images using Packer
* Automation of day to day tasks using Chef
* Setting up complete CI/CD Pipelines
* SonarQube and Nightwatch to keep quality and velocity
* Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Python and Bash.
* Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools.
* Built Ansible-based infrastructure testing tool to identify quality concerns between functional areas delivery virtual machines; suggested remedies to reduce handoffs and increase automation
* Set up Ansible automation to deploy Confluent Kafka; made OpenShift deployment for Kafka UI
* Worked with product teams to improve documentation of Ansible development environments; identified additional tests for Ansible roles
* Upgraded internal and customer TLS/SSL Apache Web Server configurations; trained staff on proper implementations, potential issues/concerns, and automated changes with Ansible
* Installed and maintained Jenkins for Continuous Delivery as well as automate Ansible Playbook runs against production infrastructure
* Collaborated with vendor to build an Ansible Playbook and Role to standardize system setup and Ruby on Rails application deployment; enforced application configuration, security settings, and user management
* Instituted Ansible for configuration management and automation across four environments; guaranteed 100% reproducible system setup fixing numerous systems issues and speeding implementation time
* Automated Oracle OSB , ADF,SOA and weblogic 11g and 12c deployments using Jenkins by using both maven and ant utility.
* Automated Oracle db deployments using Jenkins.
* SVN administration , installation , configuration , backup and migration.
* Implementing and developing solutions enabling Development and Operations teams to build, deploy, monitor and test applications and environments.

December 2015-May 2017

Systems Analyst | NIIT Technologies | Greater Noida, Uttar Pradesh

**Client** : British Airways Project : Avios

**Roles and Responsibilities**.

* Work with Engineering, Operations, Quality Assurance and Project Management to define and execute projects that implement build, release and deployment of web software.
* Manage the source code control system.
* Develop an automated, continuous, build process that reviews the source code, identifies build errors and notifies appropriate parties to expedite/facilitate synchronization to the latest build.
* Improve productivity by designing & developing full-featured build systems; implementing tools and scripts that enable efficient, flexible builds (Shell, Perl).
* Integrated the build system to the bug tracking system.
* Develop an efficient deployment process for web deployments (rolling, hot etc.).
* Deployment and configuration management with Ansible.
* Designed the deployment architecture for deployment to Linux boxes (with no root access) from the existing deployment solution (Octopus), as well as via Ansible
* Managed and executed replacement of 600 virtual RHEL Linux servers and application migration to 150 physical servers, for purposes of cost reduction, reliability and performance consistency. Post provisioning configuration and consistency checks were carried out via Ansible. Servers were split for use by multiple services using c-groups.
* Development of automated deployment tool for dev, UAT and production environments using Teamcity and Ansible. Allows new services to be deployed and released simply by developers including an Ansible playbook within a build package.
* Development of a service “baseline”, consisting of a repeatable set of tools for use by new services; Ansible for deployment, Collectd and Graphite/Grafana for metrics, Splunk for log collection, Nagios/Monit for monitoring and Consul for service discovery
* Identify and propagate best practices and processes.
* Communicate releases related activities to all the stakeholders and take their feedback to improve the process.
* Single point of contact for developers in offshore for any environment/release related issues.
* Paticipate in meeting with scrum master and stake holders and helping them in identifyting the issues.
* Work with different teams like System admin , network admin, DBA's and other for successful Release Build tool used - Jenkins,Maven and Bamboo.
* Troubleshooting, Load Balancing, Clustering, Deploying Applications, Performance Tuning and Maintenance.
* Create, configure and tune weblogic domains/applications for performance.
* Work with vendors and developers for application related issues.
* JDBC Connection Pool and Multipool configuration with Oracle, MySql, DB2 and SqlServer, etc.
* Deployment and troubleshooting of JAR, WAR, and EAR files in domain and clustered environments.
* Code deployments/promotions, performance monitoring and performance tuning.
* Upgradation of WebLogic servers in development, testing and production environment and applying patch and service packs.
* WebLogic Administration, Monitoring and Troubleshooting using Admin Console and JMX.
* Cluster Configuration - Single Cluster, Multiple Clusters and Deployment over clusters.
* WebLogic's HttpProxyServlet and HttpClusterServlet configurations.
* Server Performance Tuning - Thread Dump Analysis, Core Dump Analysis when Server crashed unevenly.

July 2010-December 2015

Senior Software Engineer | TechMahindra | Noida, UP

**PROJECT**: EMAS ACSI: ACSI is Middleware Project which supports more than 10 web applications running on Websphere /Weblogic/Jboss application server and designed in Java/J2EE.

**CLIENT:** AT&T, USA, TECHNOLOGIES: Websphere / Weblogic and Jboss application servers, AIX, UNIX, SOLARIS, Oracle, Sql, Oracle Fusion Bus, Websphere MQ.

* Responsibility for all software configuration, build and production deployment operations.
* Responsible for source code control, build systems, configuration of specialized environments.
* To manage code repository.
* Maintain branching, versioning, code merge, etc.
* Troubleshoot compile and build failures, and facilitate resolution.
* Manage thereleaseof software components into QA, UAT and Production environments.
* Improve speed, efficiency and scalability of the continuous integration environment, automating wherever possible.
* Work closely with CTO to devise strategy for supporting development, test and production resource pools/environments.
* Taking heap and thread dump using Jconsole.
* Troubleshooting issues related to JVM.
* Troubleshooting issues related to applications.
* Developing the newest changes in existing application , requested by Client.
* Participate and troubleshoot P1 incidents.
* Support of production service requests, performing routine administration, and supporting hardware and software infrastructure.
* Work closely with clients, vendors, PAC, and other technical staff to identify and resolve issues or problems that impact the middleware environment.
* Consult with clients and other technical staff on middleware maintenance issues.
* Provide administrative and middleware technical support to application development teams.
* Create WAS scripts to automate WAS deployment and administration including application, upgrades/patches.
* Analyze and tuneWebSphere Application Server (WAS)for optimal performance including database and repositories communication.
* Perform WAS configuration for various applications.
* Research, evaluate, and recommend new tools and technologies that fall under Middleware domain space.
* Provide 24 X 7 support, partnering with the global counterparts, as part of oncall rotation and performs other duties as required.
* Created MQ Queues and Channels required for the Application.
* Configure SSL Security for MQ Client /Server and Server-Server.
* Creating Execution groups and Broker Topologies.
* Configured MQ Objects within the WebSphere Application Environment.
* Setup MQ clients and communicated with the servers by defining the client definition tables.
* Setup remote administration for the queue managers.
* Setup hardware clustering of the MQ servers using MSCS.
* Preformed L2 support as part of the on call rotation team to troubleshoot the issues.
* Managing Applications running on Hosted Production.
* Application Deployment on Hosted Production Environment,.
* New Environment Setup, up-grades to sandbox/production application, implementation.
* Support to On Premise customers.
* New Hosted Site setup.
* Handling cases escalated to Application Management queue.
* Provide solution, Participating and contributing to root cause analysis.
* 24x7 Shift rotation working time.
* Resolve production issues, do necessary R&D.
* Cross functional co-ordination.
* Perform troubleshooting as per standards define by the ITIL.

Education

2009

BE: Computer Science

Bansal College of Engineering

2004

Higher Secondary (10+2) From Hills Public School Bhopal with 64% in

Personal Information

Father's Name : Mr. A.S.Kushwah Mother's Name : Mrs. Shashi kala Kushwah Date of Birth : 12/march/ 1986 Gender : Male Nationality : Indian Marital Status : Married I, Pankaj Singh Kushwah hereby declare that the above mentioned information is true and complete to best of my knowledge. DATE:, Aug/2018 , PANKAJ SINGH KUSHWAH

References

References Available on request.

Interests

Hobbies: , Listening Music, Reading Books, Watching News & Discovery.

Certifications

ITILV3