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| SigHP_Sz2_blk  **Sindhu Vidiyala**  **Mobile: +1(516)-306-6442**  **Email: sindhu.vidiyala@gmail.com** | |
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| **RESOURCE PROFILE** | * Over 9 years of experience in IT industry comprising of Cloud Administration, Development, Systems Administration and Software Configuration Management (SCM), Build/Release Management, and Change/Incident Management. * Experienced in using Waterfall and Agile Methodology. * Experienced with Continuous Integration Tools (Jenkins, Bamboo) * Experienced in using GIT and SVN on LINUX and Windows environment. * Experienced with Handling Cloud environments ( AWS and Azure). * Have Strong experience in utilizing Jenkins, Chef and puppet for enterprise scale infrastructure configuration and application deployments. * Experienced in analysis, design, development and implementation, support of Enterprise Application Integration (EAI) using TIBCO products. * Extensively worked on TIBCO Active Enterprise Suite-TIBCO/Rendezvous, TIBCO/Business Works, and TIBCO/ADB adapter. * Extensive knowledge and experience in designing, developing, and testing of Business/Commercial applications using Visual Studio, C#, Azure DevOps, Azure AD B2Cand SQL Server 2010/2012 * Experienced in development of SQL Queries, PL/SQL Stored Procedures, as per project requirements. * Experienced in using JIRA for project management. Worked with Make, Ant and Maven Build tools in Java Environment. * Performed Database administration tasks for MS SQL server and hands on experience with Oracle. * Experienced in implementing Active Directory/Exchange management of users, computers and groups. |
| **TECHNICAL SKILLS** | * **Cloud Technologies:** AWS, EC2, VPC, S3, Azure, Docker, Kubernetes * **Build & Release Engineering / DevOps:** Jenkins, Puppet, Ansible, Chef, Ant, Maven. * **Languages:** C#, XML, JAVA. * **Application/Web Server:** Oracle Web logic, Apache Tomcat, Oracle Application Server, Web Logic, Web Sphere, JBoss. * **Web Services/Technologies**: HTML, XML, SOAP, WSDL * **Databases:** MySQL, MS Access, Oracle 9, SQL Server. * **Operating Systems**: Linux, UNIX, IOS, WINDOWS * **Version Control Tools:** GIT, GIT hub, SVN, Jira, TFS. * **Scripting Languages:** Linux Shell scripting, Perl scripting, Python, JavaScript, Ruby |
| **PROFESSIONAL EXPERIENCE** | First Consulting Group May 2017 – Present  Client: MTA, New York City, New York  Role: Cloud Administrator  Responsibilities:   * Implemented security vulnerabilities and monitoring tools (cloud watch & Zabbix) for tomcat web service on azure and AWS servers. Ensure performance and tuning of the web services. * Generated and deployed SSL certificates for client connections to Tomcat and Azure service. * Assisting development team to create secure connection between subsystems of the project. * Working with configuration, analysis and security monitoring for Tomcat Web Server and Azure Cloud Services. * Configure, analyze and monitor firewall and other script languages for automation of administration processes and interface development. * Setup the application servers on AWS and Azure cloud for redundancy purpose. * Implemented operating system level virtualization on Windows and Linux using containerization technologies Docker. * Documented flows for deployment and maintenance of production system. * Coordinating and facilitating meetings such as business process reviews, requirements, and various status reports. * Developed Java and Java script, Web and TCP socket, and encryption technique. * Implemented Internal application called Beacon dash for monitoring the Project related servers using Python and JavaScript and Html. * Designed and developed Data Access layer, Business layer and Presentation Layer (user interface) for the n-tier architecture web application using C#, ADO. NET and ASP. NET. * Creation, configuration, modification and troubleshooting of Azure automated build and release solutions across a C# .Net, and Java development platform and infrastructure. * As part of the project development and maintenance worked with different vendors. Monitored and resolved the issues immediately. * Performed Pre and post deployment testing using the Automated scripts. * Actively involved in Project planning meetings and implementation. * To keep track of all changes created tickets using application called “Service Now” (Implementing the changes and Deploying the code on production servers). * Worked with various teams to provide focused engineering and operational support through the collaborative development of automation, standardized configuration utilities and monitoring tools.   Client: Bloomberg Finance LP, NYC Jan 2016 –May 2017  Role: Cloud/Devops engineer  Responsibilities:   * Developed operational processes then automated the activities around the “Under-Cloud (AWS)". * Designed EC2(AWS) instance architecture to meet high availability application architecture and security parameters. * Implemented continuous integration using Jenkins. * Maintained and administered GIT source code tool. Created Branches, Labels and performed Merges in GIT. * Worked on Cloud Formation to write the templates on AWS. Used the Elastic Beanstalk to create the web applications with the integration of Docker. * Setup and Installed Chef workstation, Chef Server and bootstrapping the Chef Clients using knife. * Automated the provisioning of environments, cooking up recipes with Chef using ruby and deployed environments using containers, like Docker. * Configured S3 versioning and lifecycle policies to and backup files and archive files in Glacier. * Automated deployments to AWS and Azure using Ansible playbooks. Defined and documented operational processes then automated the activities. * Developed and maintained Maven scripts for build and release tasks. * Maintained JIRA for tracking and updating project defects and tasks. * Created Cloud watch alerts for instances and used them in Auto scaling launch configurations. * Organized a daily stand-up post-deployment meeting to review all issues being tracked using JIRA. * Supported application stacks from a mixture of technologies, including Apache, Web sphere, Web logic, Tomcat, and JBoss.   Environment: AWS, GIT, Git hub, JIRA, Agile methodology, Jenkins, Chef, Shell scripting, Python, JavaScript, Perl Scripting, Web Logic, AWS, Linux, Windows.  Client: Capital One, Plano, Texas Oct 2014 –Jan 2016  Role: Cloud/Devops engineer  Responsibilities:   * Designed EC2 instance architecture to meet high availability application architecture and security parameters. * Created EC2 roles, policy document in AWS using AWS identity and Access Management * Wrote shell, Bash, python scripts for automated builds and auto deployment in Cloud Foundry * Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances. * Developed and maintained UNIX/Perl/Maven scripts for build and release tasks. * Comfortable using one or more scripting languages (e.g., Perl, Python, Ansible, Chef, Puppet, PowerShell). * Configured & implemented SVN. Involved in the CM Planning and Build/Deploy processes Implemented code builds and automated deployment procedures. * Supported application stacks from a mixture of technologies, including Apache, Web sphere, Web logic, Tomcat, and JBoss. * Implemented Cloudbees for continuous delivery process. * Configured and monitored numerous Mongo DB instances and replica sets. * Automated deployments to AWS and Azure using Ansible playbooks. * Developed scripts to support coding, unit testing, configuration, remote installation and maintenance needs in Perl,Python,Power Shell scripts, Bash ,VB script * Deployed J2EE Application archives (JAR, WAR, EAR and RAR) on Web logic Application Server. * Worked with Configuration and Networking of Virtual Private Cloud (VPC) and developed Cloud Formation scripts to automate EC2 instances. * Responsible for setting up local development environments using Chef(continuous deployment). * Created S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS. * Created Cloud watch alerts for instances and used them in Auto scaling launch configurations. * Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful. * My daily Responsibilities includes designing and developing new back-end services, maintaining and expanding our AWS infrastructure, and providing mentorship to others on my team. * Setted udeploy server along with automated scripts to back up the server and restore from backup for Disaster recovery. * Wrote CHEF recipes for automated udeploy agent installs/updates, udeploy agent relays install/update and configuring the same with the udeploy server. * Interacted with client teams to understand client deployment requests. * Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful. * Created repositories according the structure required with branches, tags and trunks. * Configured plugins for the integration tools to the version control tools. * Developed unit and functional tests in Python and Ruby. * Integrated ANT with Jenkins for the builds as the Continuous Integration process. When required applied patches as per the release process. * Maintained JIRA for tracking and updating project defects and tasks. * Managed and document all post deployment issues utilizing the Post Deployments Issue Log. * Organized a daily stand-up post-deployment meeting to review all issues being tracked. * Documented all post-deployment issues in a log and assist in resolving these issues where applicable, maintaining timely updates within the log.   Environment: Ruby, Perl & Shell Scripting, Subversion, Jenkins, Jira , Oracle, Web logic , (WAS), Web services, Web Logic, chef, RHEL, ANT, J2EE , Web sphere  Client: Genzeon Technologies, India July 2012 –Sep 2014  Role: Software engineer (TIBCO)  Responsibilities:   * Setup the application servers on AWS and Azure cloud for redundancy purpose. * Implemented SOAP Web services in Business Works. * Creation of complex schemas for mapping with incoming request and outgoing response. * Developed business processes by configuring shared resources, creating process definitions, creating activities and configuring message transports using TIBCO Business Works. * Worked on several pallets including Http, Soap, WSDL, File, Ftp, General, etc. * Designed the starter processes and sub processes by using TIBCOBW. * Implemented the logic to handle the errors in process. * Used activities such as EMS, XML Parser, Shared configuration Resources, General activity in the Business Process Design Work. * Creating EAR files and deployed to administrator by using Administrator GUI. * Extensively used JDBC activities in the designing of interfaces. * Deployment on Dev and staging environments. * Monitoring daily production issues, Debugging and reporting them to concern teams. * Installed and Configured TIBCO Products in Windows. * Presented a seminar on “Remote mobile explore” at university level.   Environment: Ruby, Perl & Shell Scripting, Subversion, Jenkins, Jira, Oracle, Web logic, (WAS), Web services, Web Logic, chef, RHEL, ANT, J2EE, Web sphere. |
| **EDUCATION** | * Bachelor of Technology in Electrical and Electronics Engineering from JNTUH in 2013. |
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| ***High Performance. Delivered.*** | |