TekPhor

Work Profile

Name: - Spandan Manala
B. Tech

Skillsets / Expertise

a. Total Work Experience (Yrs)   :   ~3.0

b. Technical Skills

Platforms	Linux, Red Hat, Cent OS, Ubuntu
Cloud / Virtualization	AWS (EC2, ELB, Route53, S3, RDS, IAM, MYSQL, Kinesis).
Languages	Shell scripting, BASH Scripting, Python, Java Springboot,
Configuration Management	Ansible, Terraform
Source Code Management	GIT
Continuous Integration	Jenkins
Build tools	Maven.
Web and Application Servers	Apache Tomcat 8.x, Odoo Apache2, Nginx, IIS
Databases	MySQL, RDS, Mongo DB, PostgreSQL
Containerization	Docker, Kubernetes, ECS, Mesos, Swarm, Helm
Monitoring tools	Cloud Watch
Others	GIT, Gitlab, Maven, Java, Tomcat, Terraform, Chef, Cloudformation kubernetes, Jenkins, Red hat, Ubuntu, Ansible, Fireshoe, SQL, XQuery, SPL Splunk, MarkLogic search APIs,

c. Professional Experience

   i. Developed Batch Automation tool with shell scripting for the product Broadridge Exception Event System (BEES), resulting in a 50% increase in employee productivity.

   ii. Familiar with Business concepts like Fixed Income Security Trading, Netting which helped in quickly grasping the client requirements.

   iii. Collaborated with team of 4 in the development of Global Enterprise Messaging Service (GEMS).

   iv. Active member in client meetings and thrived to onboard the clients in scant time.

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v. Supported industry-wide DR test which included clients like Royal Bank of Canada, Wells Fargo, Nomura, Citibank.

i. Automated post deployment operational activities with bash scripting to minimize the Operations team's effort.

ii. Achieved a special appreciation from clients like Citibank, JP Morgan & Chase for driving industry wide mock Disaster Recovery test for

iii. Trained the application support and operations team to be in the vicinity of newly implemented product enhancements.

iv. Active community member in Linux Academy sponsored by *A Cloud Guru* which is wide forum for Q&A related to various cloud provider solutions.

Work Experience

1. **Project (Senior Associate): -   Broadridge Financial Solutions (India) Private Limited**

My responsibilities in the project include: -

1. Worked effectively with cross-functional design teams to create software solutions that elevated client side experience and significantly improved overall functionality and performance.
2. Maintained *Git* workflows for version control (Source Code Management).
3. Developed and maintained CI/CD pipelines for code deployment using *Jenkins*.
4. Provisioned Infrastructure as Code using *Terraform, Cloudformation* and *CHEF* for AWS cloud provider services.
5. Built and deployed docker containers for Microservice architecture applications.
6. Orchestrated Docker container cluster using *Elastic Container Service, Kubernetes, Mesos and Helm*.
7. Implemented alerting/monitoring tools like *Splunk* in microservice and *CA APM* in monolithic applications.
8. Worked on migration of client data from RDS Oracle Database to MarkLogic NoSQL database.
9. Recognized bugs/issues in Production environment processes and applied automation techniques using shell scripting to diminish outages.
10. Carefully documented technical workflows and knowledge in private wiki for education of newly hired employees

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