Vishal Basra

white-turtle.org
vishal@white-turtle.org

I am a Site Reliability Engineer with a degree in Computer Science Engineering and experience in designing and running systems for on premises, cloud and hybrid applications.

I pride myself on solving problems the right way, not the quickest and easiest way. I believe in understanding principles and problems correctly and fully to derive the best possible solutions.

Experience

Site Reliability Engineer, Cvent Inc, Delhi, India – 01/2018 - Present
- Undertook and heavily contributed to a team project for a re-design of the end-to-end workflow of the Build & Deploy pipeline to achieve true Continuous Delivery in Python for the entire service SDLC
- Worked on a high-visibility task of containerizing micro-services using Docker and ECS
- Delivered on provisioning and orchestrating infrastructure and applications in two cloud environments from scratch
- Reduced SLA breaches by implementing a fix for performance drags caused by JIT compilation in production
- Re-architected application traffic-flow to incorporate firewalls, load-balancers and increasing availability
- Focussed on writing readable & extensive documentation for run-books, procedures, incidents, retrospectives change tickets, problem tickets, upgrades etc.
- Overhauled configuration management workflow for catering different applications and products with a focus on streamlining pushing changes faster and reliably for Chef

Systems Engineer, Cvent Inc, Delhi, India – 04/2016 - 12/2017
- Completely re-architected and implemented the internal DNS design to meet requirements of a hybrid environment encapsulating AD DNS, Infoblox, BIND and Route 53
- Undertook a team project to implement Infrastructure as Code, thereby re-designing systems provisioning & orchestration for hybrid data-centers using Terraform, Cloud-formation, Chef, VMware, Kickstart, golden images, AD, DNS, DHCP, CMDB
- Undertook and delivered a high stakes team project to design, provision and orchestrate a DR Data-Center from the ground-up ; hardware server configuration to the application layer

Networks Operations Center Engineer, Cvent Inc, Delhi, India – 08/2015 - 03/2016
- Worked on tools such as Zabbix, Data-Dog and New-Relic to provide first tier response as a part of a global 24/7 monitoring team for application and infrastructure related incident
- Adapted the ITIL framework and worked with different teams to mitigate incidents quickly,changes effectively with a goal to minimize SLA violations
- Responsible for supporting developers w.r.t application builds and deployments
- Authored and re-wrote several scripts for server administration and clean-up
- Worked on integrating monitoring tools with several systems such as Slack, Service Now, Jenkins, Octopus Deploy

Education

GGSIPU, Delhi, India - Bachelor of Technology, Computer Science Engineering, 2015

BTE, Delhi, India - Diploma in Engineering, Electronics & Communication, 2012

Skills

Unix - Primarily Linux with focus on systems administration, debugging and design

Programming - Python, Ruby, Shell

Services and Software - Docker, Chef, IP Tables, Apache, IIS, BIND, Rsyslog, AD, F5, Nginx, RMQ, Squid, Splunk, Jenkins

Networking principles - HTTP, DNS, DHCP, Load Balancing