Biswajit Das

Experience Summary

Over 12 Years of IT experience with various Clients like UBS, SAP Labs, EDF Energy etc. Currently working as an Enterprise Devops architect. Having Infrastructure automation background, along with Setting up Enterprise Cloud DevOps platform for Multiple clients. 6+ years of experience in full cycle Devops Devoploment. Sound knowledge on latest tools like – Terraform, Docker, Ansible, Chef, AWS PAAS Services. Working with multiple business units, project team to setup DevOps platform and involve in heavy development whenever required.

Technology

Platform	Software Products/ Tool	Responsibilities
Amazon Web Services(Multi Account)	EC2, S3, VPC, EBS, ELB, EMR, RDS, KMS, Direct connect, cloudwatch, AWS IAM role, Cloud Trail etc, AMI, Fargate, Lambda, API GAteway, EFS, Cloudformation, AWS CLI so on..	• Creating reusable service pipelines, IAAS. • Enabling full automation.
DevOps Toolsets	Jenkins, GitHub, Nexus, Documentation server, Ansible Cluster, Terraform, Docker, EKS, Cloud Custodian, Bamboo, BitBucket, GitLab, Code commit, Code deploy, Maven	• DevOps platform setup for enterprise wide DevOps Capability.
Others	RHEL Satelight server, Shell Script, Python, VB script, WMI, WINRM, Power Shell,IRB, Ruby RVM, Ruby Gem, Dockerfile, Android development, networking tools, Subnetting and so on..	• Tools used for development.

Education

Degree	Institute	Specialization
Master of Computer Application	Bangalore University	Computer Application
B.Sc in Software Systems	North Bengal University	Software Systems

Assignments

Project Name	Cloud Industrialization- EDF Energy
Customer Name	EDF Energy Limited
Duration	14-01-2017 to Till now
Project Description	Setting up AWS multi Account for Developer enablement.
Role	Enterprise DevOps Architect
Responsibilities	• Designing the DevOps & cloud platform for EDF Energy AWS MultiAccount Platform. • Designed and deployed the corporate HIgh Avalality GitHub for EDF energy. • Bring in Automation strategy for AWS account creation and platform Management using multiple Jenkins. • Designed Teraform stategy for EDF Energy – Centralise statebucket, Layered structure. • Centralize Patching strategy. • Golden AMI pipeline design and sharing over 150+ accounts. • Enterprise Ansible Cluster setup with enterprise Configuration management stategy. • Leading DevOps Team with bringing new opportunities. • Centralize monitoring, Security, Backup and serverless strategy. • Build pipeline optimization on Speed, Security fix for Managing 150 + Build pipelines. • Billing optimization, Backup, Scheduler, Tagging Strategy, Standard Change and release management over 3 mn AWS resources. • Always turn manual work into reusable automation. • Vulnerability detection in the code over 600 + GitHub Repositories. • SME for AWS platform, IAAC, DevOps Platform. • High Availity Jenkins deployment using Chef, EFS, S3 and EC2.
Technology/Skills used	AWS Public cloud services , EC2, EMR, Glue, Athena, RDS, SMS, S3, Direct connect ,IAM, Inspector, Jenkins, Terraform, Ansible, Nexus, Chef, Python, Shell script, Jenkins build Pipelines.

Project Name	Data Analytics platform
Customer Name	EDF Energy
Duration	May 2019- till Date
Project Description	Setting up Analytics infrastructure platform as part of Data Analytics Platform setup
Role	DevOps Architect

Responsibilities	• Proposing correct tools sets for the platform.
	• Testing strategy for DAP platform.
	• Design and Build of Ansible High availability cluster using terraform using proper backup and region not dependent.
	• Actively participate with development team.
	• Setup Automated Jenkins platform.
	• Thirdparty tools integration with Jenkins pipeline like slack , Exchange.
Technology/Skills used	AWS Public cloud services , DevOps , Ansible, Terraform, Vargant, Packer, kitchen-terraform, test-kitchen, Pipeline design,python, boto, AWS CLI.

Project Name	Monsoon Cloud(in-house Cloud)
Customer Name	SAP Labs, Germany
Duration	Feb, 2013 to Jan,2017
Project Description	Monsoon is an in-house cloud for SAP labs build to support More than 50K servers.
Role	DevOps Engineer
Responsibilities	• Automate manual or scripted infrastructed script into Chef script.
	• Notable automation – automated Jenkins installation and configuration script, Splunk deployment, SAPhostagent, postgress, sap tools, hana installation automation, hyperic, java, helper modules for OS supporting logging and multiplatform support.
	• Team lead for EMEA region handling 5 team members.
	• Creation of ruby modules whenever required.
	• Kubernetes cluster setup with rkt.
	• Writing Dockerfile for automated installation on container environment.
	• Patching using chef automate.
	• Chef automate setup for enterprise wide.
	• Visited Germany for short term (up to 5 months) 3 times.
Technology/Skills used	VMware, vagrant, Chef, Terraform, Shell script, Chef LWRP, Yard chef, Robocop, Cucumber, Chef Inspec, IRB, Rhel, Suse, yum, zypper, Windows, Bamboo, BitBucket, GitLab,

Project, Customer Name & Duration	Service catalogue, CSC USA. Aug, 2012 to Jan,2013
Role	Sr Engineer - system administration
Responsibilities	• Automation using VB, WMI & PowerShell Scripting.
	• Windows server automation

Technology/Skills used	Shell script, Power Shell, VB, WMI script, ADSI Script.

Project Name	UBS Wintel platform automation, Switzerland.
Company	Cognizant Technology solutions
Duration	Aug, 2012 to Jan,2013
Role	Technical Lead
Responsibilities	• Automation using VB, WMI & powershell Scripting. • Windows server automation build scripts, ADSI scripts, AV scripts,SCOM MP scripts, OU migration scripts, Automated report script.
Technology/Skills used	Shell script, Power Shell, VB, WMI script, ADSI Script, windows server, AD

Project Name, Location	MultiCenter Monitoring, Sweden.
Company	Logica private Limited
Duration	July, 2009 to Apr,2011
Role	IT Consultant
Responsibilities	• Automation using VB, WMI ,Shell & powershell Scripting. • Windows server automation build scripts, ADSI scripts, AV scripts,SCOM MP scripts, OU migration scripts, Automated report script. • Monitoring tool scripts for reporting. • Designed a separate monitoring tool for enterprise level (Agentless feature) • Reporting tool customization using short scripts by parsing logdata and other data files from multiple location using SSRS tool and custom scripts.
Technology/Skills used	Shell script, Power Shell, VB, WMI script, ADSI Script, windows and linux servers.

Project Name, Location	Executive technical Support
Company	Wipro Infotech
Duration	May, 2007 to July,2009
Responsibilities	• Support Windows desktop, Wipro Server products. • Developing script for automation works. • Creating VB script, WMI script as per client Request.

	- Installation, Configuration and maintenance of Symantec Antivirus servers. - Troubleshooting problems related to windows products and OS. - Worked on a web based tool called power Zone. Supporting the product
Technology/Skills used	Shell script, Linux, windows, VB, WMI script, ADSI Script.

Personal Detail

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