**Sujoy Chakraborty **

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**Career Objective**

To succeed in an environment of growth and excellence and earn job which provides me job satisfaction and help me achieve personal as well as organizational goals.

**Professional Experience**

* Having around 7+ years of Overall experience in IT industry, which includes 3+ years of Experience as a Cloud Engineer in the field of AWS/AZURE cloud services, Azure Devops
* Proficient in AWS services like VPC, EC2,S3,ELB,Autoscaling using ELD, RDS, DynamoDB, Route53, CloudWatch, CloudFront
* Experience in creating multiple VPC's and public and private subnet as per requirement and distribute them as group into various availability zone of the VPC
* Created NAT gateway and instances to allow communication from the private instance to the internet through bastion host
* Used security group, network ACL's, internet gateways and route tables to ensure a secure zone for organization in AWS public cloud
* Created and configured elastic load balancer and autoscaling group to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment
* Configured S3 bucket with various life cycle policies to achieve the infrequently accessed data to storage classes based on requirement
* Knowledge in Terraform for provisioning resources in AWS cloud.
* Used IAM for creating roles, users, groups and implemented MFA to provide additional security to AWS account and its resources
* Implemented domain name services (DNS) through route 53 to have highly available and scalable application
* Created EBS volume for storing application file for use with EC2 instances whenever they are mounted to them
* Created snapshot to take backup of the volume and images to store launch configuration of the EC2 instance
* Responsible for version control Management, Branching, Merging, and user group permissions.
* Automate the build process using continuous integration tools JENKINS.
* Docker – creating new containers, mounting and starting services.
* Deploying the JAR and WAR into Tomcat Application Server.
* Work with various development teams to build and support automated builds, supporting daily continuous integration.
* Configured Jenkins jobs to introduce Continuous Integration and automate the Build & Deployment process.
* Creating multiple Docker containers and ship code as an image and re-create containers to set up local development environment with the image same as that of the production environment and Hands-on in Docker-file, Docker demon and other perspectives.
* Verify Deployments logs to check for successful deployments. Monitoring application servers and fixing issues if any.
* Creating new Build jobs, Plugins installation and management, Test case integration, setting up master/slaves using Jenkins.
* Involved in Azure Migration from legacy app to Azure environment by IaaS approach
* Working with Shell Scripting for automation activity.
* Working and hands on knowledge on Kubernetes for production environment.

**Technical Skills:**

Operating Systems : Windows, UNIX and Red Hat Linux

SCM Tools : Git

CI Tools : Jenkins,Azure Devops

Web & Application Servers : Apache Tomcat ,IIS

Scripting : Shell Scripting

Build Tools : Maven

Monitoring Tools : Nagios

CM Tools : Ansible, Terraform

VM container tool : Docker,

Cloud Platform : AWS,Azure Devops,Azure

Programming Lang : C#, Python(Used only in AWS lambda)

**IBM India Pvt Ltd ( March 2020 till date)**

**Client**: Mercedez Benz

**Responsibilities:**

* Deploying Application and Virtual Machines through Azure VSTS and creating CI-CD pipeline for the same.
* Creating CI/CD pipeline in azure devops and stating the parameter variables and configuration tasks.
* Creating Azure DevOps dashboards in Azure DevOps portal and managing end to end status for different application and infrastructure.
* Designing and implementing cloud solutions which are secure, scalable, resilient, monitored, auditable and cost optimized.
* Write Infrastructure as Code (IaC) using Industry standard tools and services.
* Writing application deployment automation using industry standard deployment and configuration tools.
* Designing and implement continuous delivery pipelines that serve the purpose of provisioning and operating client test as well as production environments.
* Providing systems support including responding to monitoring alerts.
* Work with developers to identify necessary Azure resources and automate their provisioning.
* Work with development team and key stake holders to create plan for monitoring Azure resources.
* Work closely with key stakeholders to capture, analyze, and derive DevOps requirements.
* Integrated Jfrog Artifactory with Azure DevOps.
* Analyzed code and communicated detailed reviews to development teams to ensure a marked improvement and timely completion of projects.
* Creation of CI/CD pipelines through YAML Scripts (Pipeline as Code).
* Introduction of Azure Kubernetes Service as Containers using Service Connection.
* Usage of Azure Service Fabric (Middleware) and deployment of worker servers.

**NTT DATA INC ( Oct 2017- Mar 2020)**

**Client**: JLL UK (Jones Lang LaSalle)

**Project**: JLL property and asset management (PAM) Application.

**Responsibilities:**

* Migration of application from on premises to AWS cloud
* Creating CI/CD pipelines by integrating Git,GitHib,Jenkins,Docker and Ansbile.
* Used GIT to push developed codes and Jenkins to Integrate the code.
* Configured Jenkins with maven build tool to generate the war/ear files and archived them.
* Integrating Git with Jenkins and Nexus in continuous integration and configured Jenkins with Poll SCM build trigger.
* Ansible is the primary automation tool in configuring and deploying artifacts to several environments.
* As most of the infrastructure is hosted in AWS cloud and responsible for creating and managing EC2 instances.
* Writing playbooks for installing and configuring the EC2 instances and automate deployments.
* Developed Terraform for provisioning resources in AWS cloud.
* Maintaining AMI's for backup of configured EC2 instances.
* Deploying the artifacts in environments like DEV, QA, UAT with ansible and jenkins.
* Creating backup of EBS volumes and restoring them.
* Ensuring the servers to sustain the load by configuring Elastic load balancer and auto scaling.

**CGI GROUP INC( Oct 2013- Sept 2017)**

**Role**: Software Engineer

**Responsibility**:

* Involved in Application migration from on premises to AWS
* Worked as a part of AWS build team.
* Build and release Ec2 instances Amazon Linux, Redhat and Windows for POC, Development and   
  Production environment.
* Defined branching, labeling, and merge strategies for all applications in Git.
* As a production support engineer, provide L2/L3 production support and manage applications widely used in >30 countries.
* Involved in On-call support
* Production deployments and supported several production servers upgrade activities (ex- patch, Firewall, SAN upgrade etc.) from application side.
* SSL certificate renewals maintenance
* Data refresh activities between multiple servers
* Supporting DR activities
* Application installations from scratch on UAT and Production servers.
* ITIL Certified
* Documenting High Priority (P1/P2) issues, resolution and RCA while working with Problem management
* Fair understanding of AppDynamics tools and configurations for nodes, sites of all 6 applications to fine tune monitoring events and alert mechanism for the calls violating Health rules.
* Deployment steps preparation for complex changes
* Troubleshooting and analysis of web requests / responses of applications using several tools like WCF storm, Saw Mill for IIS logs, Uptrends, AppDynamics.
* Fair knowledge in ASP.net, C#, MS SQL server 2008/12, WCF,AWS cloud computing
* Interacting with clients and stake holders to provide best service.

**Project 2**:

**Client**: Shell UK

**Project**: Shell Card Online

**Tool** Used: Asp.net, C# ,SSRS, Sql server ,wcf,

**Responsibility**:

* Contributing in Requirement Analysis, Design, Implementation & Managing a team of 3 developers.
* Worked on WCF service for developing service as well as consuming.
* Worked on ASP.Net for frontend with Telerik controls
* Worked on asp.net created pages ,user control, event handlers
* Worked on ASP.Net data grid to generate different reports.
* Worked in business logic layer using C# coding and logic implementation
* Created stored procedure and function in SQL server.
* Interact with the clients by responding to queries and issues raised at the time of deployment and support.
* Unit Testing of the applications and fixing defects
* Helping junior developers and regular monitoring of their work
* Handling Complete software development lifecycle for the project
* Providing Post Production Support

**Wincent Technologies (2012-2013)**:

**Client**: Elpis Inc,

**Project**: EPIS(Electronic Policy Insurance System)

**Tool** Used: Microsoft .Net Framework 3.5, Asp.Net,Microsoft SQL Server 2012,Web services,SSRS

**Roles & Responsibility**:

* Contributing in Requirement Analysis, Design, Implementation
* Worked in business logic layer using C# coding and logic implementation.
* Worked on asp.net created pages ,user control, event handlers
* Worked on Telerik controls in asp.net
* Unit Testing of the applications and fixing defects
* Providing Post Production Support

**Qualifications**

* MCA from SIKKIM MANIPAL UNIVERSITY, GANGTOK in 2011

**Declaration**

I solemnly declare that the above-mentioned details are true to the best of my knowledge & belief

Place : Bangalore Sujoy Chakraborty