 

BIKRAM CHAKRABORTY

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**Objective**:

Overall having 18+ years of comprehensive experience in IT and 6+ year experience on DevOps , AWS cloud in the design and implementation of Continuous Integration, Continuous Deployment, Continuous Delivery and DevOps Operations for Agile projects, Looking for a challenging position in the organization where my knowledge would make a significant contribution to the company’s growth, which would enhance my skills.

**PROFESSIONAL PROFILE**:

Working as DevOps expert for Navigators Software Pvt Ltd, Designing and Implementing, Development and Operations (DevOps) Projects.

Hands on experience on DevOps tools like Git, Github, SonarQube,Docker, Jenkins,. terraform

Hands on experience on Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, ELB, Auto Scaling, S3, RDS, Route53, SNS, ECS.EKS,cloudfront,loadbalancer

**TECHNICAL SKILLS**:

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| --- | --- |
| Operating Systems | Windows, Linux ,Mac |
| Source Code Management(SCM) | Git, Github, bitbucket |
| Continuous Integration Tools | Jenkins, terraform |
| Configuration Management | Gitlab |
| Containerization | Docker,Kubernetes |
| Container Orchestration | Docker Hub |
| Code review Tool | SonarQube |
| Scripting Languages | YAML, Groovy |
| Monitoring Tools | New Relic |
| Cloud | AWS (VPC, EC2, ELB, Autoscaling, S3, IAM, SNS, RDS, Route53, ECS) |
| Application Server | Apache IIS Tomcat |
|  | SSL Certificate install |
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**Working** **Experience**:

1. Company : Navigators Software Pvt. Ltd

Designation : Sr.DevOps Engineer

Duration : February 2002 to Till

Environment : Git, Jenkins, Sonarqube, Apache, Docker, IIS, Tomacat.Kubernet,terraform

**Responsibilities**:

* + Creating Images and Containers with Docker.
  + Utilized Kubernetes for cluster and service
  + Creating server through terraform.
  + Writing custom Dockerfiles for building customized images.
  + Writing Docker-compose files to spin up multi containers.
  + Managing remote repository in Git Hub for keeping devops automate files in repository.
  + Involved in Integrating Jenkins with Build Environment
  + Involved in fixing the Bugs in the build script
  + Involved in the build and release activity
  + Schedule the Jenkins Jobs as regular builds
  + Controlling the overwritten of source code using version control tool Git.
  + Sending code to the development team when they requested for code with revision number.
  + Scheduling the job using Jenkins for CICD Process pipeline.
  + Collecting .war files from development team and deploying them into the Apache Server.
  + Writing Playbooks and Dedicated Roles in Ansible for CI/CD pipeline Process.
  + Infrastructure as code and automation with Ansible.
  + Creating and Managing AWS VPC and Aws EC2 Machines.
  + Extensively worked with automation tools like Hudson and Jenkins to implement the End to End Automation.
  + Developing Jenkins Pipeline Implementation for build.
  + Working with Linux/UNIX environments and scripting for Build & Release automation.
  + Administered and Implemented CI tools Hudson and Jenkins for automated builds.
  + Experience is using Apache Web Application servers for deployments.
  + Managing environments DEV, QA, UAT and PROD for various releases and designed instance strategies
  + Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
* Setting up the new build environment for various applications in Windows/Linux environment.
* Managed to organizational standards by maintaining the source code in GIT for various applications. Setting up the new Build Environment for various products in Linux Environment.
* Maintains and extends configuration and build sub-systems on GIT.
* Creating and maintaining the development and release branches on GIT.
* Supported and helped to create dynamic views and snapshot views for end users.
* Implementing Jenkins continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
* Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
* Used AWS services like EC2, S3, EBS, Cloud Watch, ELB for building infrastructure.
* Participates in the design and implementation phases for new and existing products, with a focus on AWS technical knowledge for successful execution of the requirements.
* Help engineering teams implement new technologies in development for future production deployment.
* Actively monitor and administer the applications and hosting environment to increase efficiency, improve reliability, and minimize downtimes.
* Used Docker Container for running different individual services and optimizing the infrastructure cost.
* Experience on Amazon DNS service Route53 for registering domain names and to deal with the hosted zones, record sets and Routing Policies for routing the traffic.
* Experience on Cloud Trail for operational and risk auditing purpose in specific AWS Accounts.
* Having experience on working with IAM Users, Groups, Roles and Policies (Both Managed and Custom Policies.

Good experience in Amazon Simple Storage (S3).

* Creating Buckets, Uploading & Downloading from S3.
* Created and used code commit as the central repository to store the source codes developed by developers in the cloud.
* Involved in deployment of the application using Tomcat.
* Primary responsibilities include Build and Deployment of the java applications onto different
* Environments like QA, UAT, pre-Prod and prod.
* Handling application support team for high performance as well as managing all escalations related to Applications at best way.
* Performing deployments on Production, Staging and Deployment servers.
* Hands on experience on LINUX.
* Participation in new projects implementation and movement to production.
* Exposure to managing servers remotely using SSH and Hands on experience on Shell Scripting.
* Modifying procedures, applying patches in Production, Semi production areas.
* Analyze, debug & resolve the issues reported.
* Responsible for changes in scripts / queries, modifying dates in queries and running on production, semi- production
* Deployment of corporate in production server.

* Having experience in provisioning the Cloud Infrastructure services like EC2 servers as per the capacity requirements.
* Having experience in dealing with the networking services of AWS like VPC, Subnets, Route Tables, NAT Gateway, Security Groups, NACL’s and VPN.
* Having experience in working with different Linux and Windows AMIs in servers provision.
* Having experience on the Amazon scalable services Autoscaling and different types of ELB’s.
* Good experience on Simple Notification Service (SNS).
* Having experience on identity and access management service IAM.

**CERTIFICATION**:

* **AWS Solution Architect certified SAA C02 2021 ( 7RK8KFCJFNQE165P )**
* **Microsoft Certified Professional 2008 MCP ID # 6145258**

# EDUCATION :

* Graduate (B.A.) from Calcutta University on 2000.
* Higher Secondary from W.B.H.S.C on 1997.
* Madhyamik from W.B.B.S.E on 1995.

**Professional Achievement**

* Awarded Silent Employee of Company 2010 and Employee of the month at Navigators Software on March 2008.
* Successfully implemented Webserver and SVN server, which is now using by Navsoft.
* Successfully implemented a internal office communication system, which is now using by Navsoft.This system has the capacity of chat ,file transfer, screen shoot share etc with permanent log.
* Successfully implemented VMware on a Server in NAVSOFT.where 15 instants are running.Test and demo projects are running through this server.

**Personal Information:**

Address : Pahar pur. P.O- Bidhangarh , Kolkata -700066

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Gender : Male

Martial Status : Married

Nationality : Indian

Religion : Hindu

Date of Birth : 1st Jan 1979

# DECLARATION:

I hereby declare that the above mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above mentioned particulars.

Your’s Sincerely

# Bikram Chakraborty