|  |
| --- |
| **Biswajit Dash** |
| **Senior Devops Engineer** |
| **biswajit.azuredevops@gmail.com** |
| **9108923554** |

**Summary**

* Having overall 8 years of experience with configuration, trouble shooting, support & maintenance of CI and CD pipelines hosted on various cloud Technologies.
* Very good understanding of DevOps Continuous Integration, Continuous Deployment and Continuous Delivery.
* working experience in creating CI & CD pipeline using Jenkins and Azure DevOps tool.
* Worked on AKS(Azure Kubernetes services) and Docker in deploying services for multiple environments (Dev, Test, UAT, PROD) using approval process.
* Expertise with Elastic Cloud and configuration of Elasticsearch, Kibana, Logstash, File beat
* Good experience in defining the pipeline for Java Microservices, Node and Angular Application using Bitbucket, Jenkins, Azure DevOps tool and guide the team on CI/CD.
* Having Experience of Code quality tool(SonarQube) and other monitoring tools such as Prometheus, Garfana, Kibana and Sentry.
* Good Experience with Kafka Topics, Partitions and Consumer group configuration.
* Experience with Monitoring , SRE activities as well.
* Experience in writing docker files and good experience with docker files and networking.
* Experienced using the Containers management using Dockers and Container Orchestration system Kubernetes.
* Used Issue tracking system for Pull requests for code merge requests, build requests to different environments.
* Worked on configuring Bit bucket, GIT branching and merging.
* Creating VNET, Storage accounts, Azure Functions, Blob storage, Availability sets and load ---balanced Endpoints.
* Provided the PASS(Platform as a Service) and IAAS (Infrastructure as a Service)to the new customers in cloud platform.
* Very good working experience with Redis,Azure SQL DB and Cosmos DB
* Implement, manage, Backup and monitor storage solutions.

**Technical Skills**

|  |  |  |  |
| --- | --- | --- | --- |
| **Devops Technologies/Tools** | : | Jenkins, Bamboo,Azure Devops, Docker, Kubernetes, SonarQube, ELK stack, Kafka, Helm Charts |  |
| **Databases** | : | Mark logic, Oracle, SQL DB, Mongo DB, Cosmos DB, Redis |  |
| **Scripting Languages** | : | PowerShell, Bash, Groovy, Yaml, Shell |  |
| **Version Control tools** | : | GIT, GitLab, Bitbucket, Jfrog Artifactory, Nexus |  |
| **Cloud** | : | Azure, AWS,GCP |  |
| **Monitoring tools** | : | Instana, Geneos, Grafana, Prometheus, Kibana, Sentry, Azure Monitor, Jira |  |
|  |  |  |  |

**Projects Executed**

Details of some of the key projects are mentioned below. Remaining details can be shared on request.

**Company: Northern Trust Bank, Pune** **08/2022-Present**

|  |  |
| --- | --- |
| Banking domain | |
| This platform has a centralized codebase as well brand specific development as micro apps | |
| Period | 08/2022-Present |
| Technology Stack | * Used technologies are Bamboo (CI/CD tool), Tanzu, SonarQube, Docker, Kubernetes, ELK * Version Control: Bitbucket * Databases: Mark logic, Oracle * defect management: JIRA, Confluence * Monitoring tools: Instana,Geneos, Kibana * Languages: Java |
| Responsibilities | * Updated Bankmaster data in DEV,UAT and PROD environments using Putty as the server is on-premises * Created script to Full cleardown or Partial cleardown of Databases(Marklogic and Oracle) * Created script to upload and deploy reference bank datas into Marklogic and Oracle databses * Worked with agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology using Bamboo and Helm Charts. * Created Docker images for web application deployment, Kubernetes clusters and write manifest files. * Monitor complete infrastructure of various environments(Dev,Test,UAT,Prod) using Instana and Geneos * Worked with developers to ensure the dev, stage and production environments met their requirements and confirmed to industry-standard best practices. * Setup ELK for logs monitoring |

**Company: Apexon, Pune** **07/2021-08/2022**

|  |  |
| --- | --- |
| Banking domain (Seattle Bank) | |
| This platform has a centralized codebase as well brand specific development as micro apps for Aster healthcare. | |
| Period | 03/2022-08/2022 |
| Technology Stack | * Used technologies are Jenkins(CI/CD tool), SonarQube, Docker, Kubernetes, * Azure Services- Azure VM, Azure Webapps, Azure Functions * Version Control: Bitbucket, Nexus * defect management: JIRA, Confluence * Monitoring tools: Azure Monitor * Languages: NodeJS, ReactJS and React native |
| Responsibilities | * Created azure webapps for deploying the frontend and backend applications. Setup autoscaler and load balancer with app service plan to manage the webapps . * Pushed the NPM private packages to centralized nexus repository as zip deployment. * Created azure time-trigger functions and http functions for specific deployments. * Worked with agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology using Jenkins and Microsoft Azure. * Created Docker images for web application deployment, Kubernetes clusters and write manifest files. * Setup Azure container registry for deployment project into azure Kubernetes services. Worked nexus for antifactory deployment. * Create network security groups and provide endpoints, routing tables to provide the inbound and outbound security. * Create and configure Cosmos DB in Azure and migrate on-premises database to cloud * Configure the virtual machines in azure based on development requirements. Provide direct server support during deployment and general production operations. * Worked with developers to ensure the dev, stage and production environments met their requirements and confirmed to industry-standard best practices. |

|  |  |
| --- | --- |
| Healthcare Platform (Aster) | |
| This platform has a centralized codebase as well brand specific development as micro apps for Aster healthcare. | |
| Period | 07/2021-03/2022 |
| Technology Stack | * Used technologies are Jenkins(CI/CD tool), Docker, Kubernetes, Elasticsearch * Version Control: Bitbucket, Azure Git, Nexus * defect management: JIRA, Confluence * Monitoring tools: SonarQube, Kibana, Grafana, Sentry, ManageEngine, Azure Monitor * Cloud: Microsoft Azure |
| Responsibilities | * Worked with agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology using Jenkins and Microsoft Azure. * Created Docker images for web application deployment, Kubernetes clusters and write manifest files. * Configured and Managed Elasticsearch, Kibana, Logstash, Fliebeat for monitoring of logs. * Troubleshoot kibana logs and wrote kql query for logs management. * Deployed Kubernetes pods, hpa and services according to the environment requirements in azure. Deployment of required services using Helm charts * Setup Azure container registry for deployment project into azure Kubernetes services. Worked with Jfrog and nexus for artifactory deployment. * Good understanding in Azure Key Vaults, Blob storages, Azure Functions, Groovy scripting, Yaml Pipelines. Setup Load balancer using Ngnix ingress controller in azure. * Created azure application gateway, network security groups and provide endpoints, routing tables to provide the inbound and outbound security. * Created and configured Cosmos DB in Azure and migrate on-premises database to cloud * Setup and configured keycloak for identity access management and social media links * Worked with azure security advisor to apply the security aspects in all the azure services deployed. * Configured the virtual machines in azure based on development requirements. Provide direct server support during deployment and general production operations. * Worked with developers to ensure new environments both met their requirements and confirmed to industry-standard best practices. |

|  |
| --- |
| **Company: Harbinger Group, Pune 02/2021-07/2021** |

|  |  |
| --- | --- |
| Outmatch: Human resource management | |
| A HRMS Portal used for hiring process and candidate database used for employee management in company | |
| Period | 02/2021-07/2021 |
| Technology Stack | Microsoft Azure, Azure Devops, Docker, Git, Azure Kubernetes, Elasticsearch |
| Responsibilities | * Good exposure of agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology wit Azure Devops Pipelines * Worked with Azure Git for deployment and merging the codes * Worked with Monitoring the environment with azure monitor and SRE related activities * Good understanding in Azure Vaults, Storage, Yaml Pipelines, Azure Environment variables, Automation, Monitoring, OMS, AZ Copy, etc. |

**Company: HSBSOFT Technologies, Bangalore 12/2015-01/2021**

|  |
| --- |
|  |

|  |  |
| --- | --- |
| Seirra Automobiles | |
| This is a Automobile project for consumer management | |
| Period | 04/2019-01/2021 |
| Technology Stack | * AWS, Azure, Support, Devops, Elasticsearch |
| Responsibilities | • Good exposure of agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology wit Azure Devops Pipelines  • Create Kubernetes clusters and write manifest files.  • Deploy the applications using tools like helm and configure in ci/cd pipeline  • Create new project and customize azure Devops services as project requirement  • Prepare Branching and merging strategies to maintain the code.  • Expertized in development and release plans design with proper open source tool and automate the environment to achieve reusability and continues delivery.  • Configuring and managing Virtual Machines using Windows Azure portal.  • Configuring and monitoring Cloud services. |

|  |  |
| --- | --- |
| Cloud Command Center | |
| Cloud Command Center is all in one mobile application for pet parent or animal lover. It has blogging service, media sharing platform for pet, news feeds, doctor support, pet merchandise and animal welfare feature. | |
| Period | 03/2018-03/2019 |
| Technology Stack | * Devops, Support |
| Responsibilities | * Administer and Maintain Source Code Repositories including GIT. * Support concurrent development process with standard Branching and Merge of application source code. * Created Branch Policies, Security and Deployment Group Approvals. * Created VSTS Dashboard for this Application. it includes Code Tile, Assigned to Me, Sprint Capacity, Sprint Burndown, Sprint Overview, Pull Requests, Build Traffic Lights, Chart for Build History, Deployment Status, Release Summary and Test Results Trend etc.… * Coordinating with developers and testers for Build and deploy Related issues |

|  |  |
| --- | --- |
| Malaysian Arlines | |
| This works to engage citizens with their Malaysian airlines government & community in multiple ways using its customizable & elegant UI interaction. Also individuals can use this framework to generate personal application for celebrity or political personal portfolios etc. | |
| Period | 12/2015-02/2018 |
| Technology Stack | * Support, Azure |
| Responsibilities | * Azure Virtual Machines: Deploying VMs. * Create storage account and cloud services in azure cloud. * Azure Virtual Networks: Configuration and Deployment. * Configuring NSG and assigning it to subnets for Azure cloud. * Understanding of Storage, VNET, Cloud Service. * Configuring Backup in Azure for taking backup of VM and application on that. * Moving files and folders to azure backup vault. * Experience on VHD Creation and Migration. * Configuring subnets for internal subnets for public cloud in azure. * Coordinating with vendors for storage and backup requests. * Basic knowledge on Azure Active Directory. * Migrating on-premises workloads to Azure using Azure site recovery. * Creating automation backups. |

**Qualifications**

* Completed **B.Tech in ECE** from Biju Pattanaik University of Technology, Odisha in 2012.