**Suraj Kumar Biswal.**

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**Career Vision:**

# To give effective as well as efficient efforts towards attainment of organizational goal with exploring wide scope of knowledge and intelligence. To work in an environment that provides a challenging and rewarding career ensuring a high-level satisfaction. In the process, apart from beneficiating my employer, I also expect to learn for my overall development. To collaborate with a challenging environment, where my problem solving, analytical and technical skills are utilized to build successful solutions for clients.

**Professional Experience:**

* Around 7.5 years of experience in **DevOps**, **Build and Release of Java Microservices**, **Middleware**, **Application-Provisioning**-**Maintenance**-**Enhancement**, **Deployment, Release** and **Production-support** in Banking sector.
* Detailed technical knowledge and hands-on experience of **Build Automation**, **Build Engineering** and **Configuration Management**.
* Extensive experience in the Infrastructure design and implementation of fully automated **Continuous Integration**, **Continuous Deployment** pipelines through **DevOps** processes for agile projects across the **Financial** and **Banking** Sectors.
* Have experience in **UNIX/Linux**, **WebLogic** and **Apache tomcat** **Integration**.
* Good exposure in Unix Shell Scripting and have prepared deployment scripts for UAT and Production deployments.
* Provisioning of various **Java Microservices Applications, React Js, Node Js**  and delivering in stipulated timings.
* **Implemented Automated** testing using **Selenium** across Jenkins pipelines.
* Artifactory management using **Nexus** and **Jfrog.**
* Integrated **Sonarqube** with Jenkins for Continuous Code analysis using various quality gates and profiles.
* Pipeline integration of **Nexus IQ Scan**(Component) and **HP Fortify Scan**(vulnerability).
* Developed and managed deployment pipeline using **Ansible** and prioritized functioning period and quick server response time.
* Good experience in deploying Java Applications using application servers such as **Weblogic**, **Websphere**, **Tomcat**, **Jboss.**
* Worked on automated build tracking using application **JIRA** and **Confluence** **REST API**.
* Provided assistance to engineers on performance tuning for critical areas.
* Optimized server performance, accuracy, failover and scale.
* Collaborated with development team to troubleshoot and resolve issues.
* Implemented and managed framework for evaluating application performance.
* Provided support to conduct system testing and integrated more servers to the infrastructure.
* Management and design of integrated build pipelines using continuous integration workflows through Jenkins.
* Infrastructure Automation using Cloudformation templates.
* Infrastructure Provisioning and Deploying Applications using **Cloud Services** such as **AWS** and **PCF.**
* Attending meetings and interacting with clients regularly.
* Application onboarding and verification during Business LIVE and Customer LIVE.
* Regularly attend & resolve the issues such as application outage, Issue impacting multiple users, Revenue impacting key function issues in the Crisis call.
* Enjoy new challenges and willing to learn new tools.
* Good debugging and Unit testing skills.
* An excellent communicator coupled with exceptional interpersonal & managerial skills.
* Quick learner and good performer both in team and independent environment.

**Work Experience:**

* Working as a Senior System Engineer at Infosys Limited (from Feb 2014 to April 2018).
* Working as an Associate Consultant with Capgemini India Limited (from April 2018 to Dec 2019).
* Working as a Senior Associate with DBS Asia Hub 2 (from Jan 2019 – till present).

**Technical Expertise:**

**Applications framework** : Java Microservices, Backbase, Teamsite, ReactJs, Node JS Applications.

**Operating Systems**  : Windows, Solaris, Linux CentOS/Redhat/Ubuntu.

**Web/App Servers**  : Weblogic, Websphere, Apache Tomcat, Apache httpd, JBOSS.

**Cloud Services** : PCF, AWS.

**Languages**  : Shell Scripting, Jenkins groovy scripts, Python, Javascript.

**DevOps Tools** : JIRA, GitHub, Bitbucket, Jenkins, Gradle, Maven, Nexus, Nexus IQ, HP Fortify, Ansible, Twistlock Container Scanner, Ansible Tower, Teamsite, AWS Pipeline Services.

**Monitoring Tools**  : Splunk, Nagios, Kibana, Grafana, Cloudwatch.

**Testing** : Selenium Integration.

**Code Analysis** : SonarQube, Nexus IQ, HP Fortify, Twistlock Scan.

**Ticket Tracking Tool** : BMC Remedy, JIRA.

**Documentation** : Confluence, SharePoint.

**Job Scheduling Tool** : Crontab, Task scheduler.

**Architecture** : Agile, STM (Speed to Market).

**Functional:**

* Implementing project plans within deadlines.
* Adhering to best practices for project support and documentation.
* Designing, monitoring, and troubleshooting of the application.
* Identifying faults in programs and prepare reports on the uses of programs.
* Responsible for maintaining and upgrading programs.
* Writing shell scripts for application deployments.

**Project Details:**

1. **Client: “*DBS*”- Jan 2019 - till date.**

**Description:** The Current profile includes pipeline setup and releases of various Customer facing Applications that hosts DBS Services to the World.

**Domain:** DevOps, Banking, Teamsite, Application onboarding and hotfix, Build and Release Management.

**Team Size:** 5

**Current Role:** Infrastructure/Technical Lead.

* Pipeline setup for various modules which include Java **Microservices**, **ReactJs** and **Teamsite.**
* Onboarding of New Applications and driving it till Customer LIVE.
* Responsible for any application hotfixes in PROD as well as lower Environments.
* Implemented Single commit deployment setup for various modules for till PROD.
* Implemented Single pipeline for build and deployment of various applications frameworks.
* Configuring **Gradle** for application Builds, migration, upgrade, integration, testing, and Code analysis.
* Liaising with development team on merging/rebasing the source code and resolving conflicts.
* Automated Deployment/Release setup through **JIRA** to all the Environments.
* Resolving various issues in pipeline related to **Sonarqube Code Coverage**, **Nexus IQ** (third party component related issue), **HPFO** (Vulnerabilty) & **Twistlock Scan** (Container Scanner).
* **Cloudformation template** file configuration for deploying existing and new applications resources deployment in multiple Environments.
* DNS creation and setup for various applications using **ROUTE 53.**
* **Schema** and **Table** creation for new application setup.
* Deploying and troubleshooting applications in multiple environments such as **PCF, AWS, Teamsite** and **ON-Prem Servers**.
* Managing application build artifacts using **Nexus**.
* Debugging application related issues on **Websphere**, **Weblogic**, **Teamsite**, **Apache webserver, JBoss**.
* Worked on managing and autoscaling application in **PCF** through **Jenkins Pipeline** script.
* Worked on **PCF Cost optimization** by scheduling **application start/stop Scripts** on daily basis.
* Provisioning Application using **AWS Cloudformation** templates.
* Deploying **Java Microservices** Apps using **ECS Services** with **Fargate**.
* Have working experience with deploying **react** applications using **AWS Static website**.
* Creating and Managing **EC2**, **ALB**, **S3 buckets**, **RDB, ECS**, **AWS Lambda.**
* Monitoring AWS Resources and Application through **AWS Cloudwatch**.
* Pipeline configuration using **AWS CodeCommit, AWS Codebuild, AWS CodeDeploy** and **AWS Codepipeline.**
* Responsible for Creating and Representing **Change Requests** in **CAB** Calls
* Infrastructure and Application monitoring using **Kibana**, **Grafana** and resolving issues related to Application Workflows and Builds scheduled for multiple squads/developments teams.
* Responsible for managing Infrastructure resources and patching activities such as **Infra OS Kernel Patching, MW Patching, JDK Patching, OS Vulnerability fixes, MW Vulnerability fixes, Maxscale Patching, Maria DB patching** etc.
* Application Release and verification during **Technical LIVE**, **Business LIVE** and **Customer LIVE**.
* Responsible for managing a Centralized Devops Team of 5 members.

1. **Client: “*HSBC*”- April 2018- Dec 2018.**

**Description:**Started as a Devops Engineer with HSBC, UK. The current profile includes migration and Implementation of DevOps to Java Applications based on Backbase framework.

**Domain:** DevOps, Banking, Backbase Application, Application Upgrade and Migration, Build and Release Management.

**Team Size:** 12

**Current Role:** Associate Consultant.

* Implementing CI:CD pipelines on Java applications using Backbase API.
* Migration, Upgrading various Java Application Modules.
* Source Code Management and conducting version control, branching, merging, labeling for managing multiple release versions of multiple products in GIT, GITHUB.
* Mavenizing Application Source Code and configuring pom.xml for build and release process.
* Configuring plugins in pom.xml for application migration, upgrade, integration, testing, and Code analysis.
* Working closely with the development team on merging/rebasing the source code and resolving conflicts.
* Automation of defect tracking, documentation using JIRA and Confluence REST API’s.
* Working knowledge on Continuous Integration tools using Jenkins.
* Configuring Jenkins master and slave nodes for application builds.
* Developing Jenkinsfile for CI:CD pipelines using Jenkins groovy and shell scripts.
* Managing application build artifacts using Nexus.
* Worked on automated testing using Selenium Integration with Jenkins.
* Integrating Sonarqube with Jenkins and Implementing various quality gates and profiles for application code analysis.
* Checkmarx Integration with Jenkins for Code Security and vulnerability.
* Drafting Pre-Prod and Production deployment scripts as per client requirements.
* Worked on configuration management and deployment tools using Ansible and Ansible tower.
* Developing ansible playbooks for application provisioning, configuration and deployments.
* Basic Administration experience on Linux platform such as redhart, Centos and Solaris.
* Extensive working experience on Build and Deployment of applications on Linux OS.
* Deploying build artifacts on IBM websphere application server, weblogic and Apache tomcat.
* Debugging application related issues on websphere, weblogic and tomcat.
* Investigate and provide solutions to problems and queries relating directly to incidents raised through JIRA.
* Monitoring and debugging issues related to Application Infra, Workflows and Builds scheduled for multiple squads/developments teams.
* Infrastructure and Application monitoring using splunk and nagios.
* Liaising with Infrastructure and tools teams where required in problem investigation/resolution.
* Interaction with Development teams in assessment of scopes and prepare the scopes to transition through continue integration and continue delivery.
* Drafting and reviewing technical Documentations related to project build and releases.

1. **Client: “*Wells Fargo*”- June 2015- April 2018.**

**Description:**Started as a Senior System Engineer with WellsFargo, SFO (US). The current profile includes Speed to Market continuous application delivery, integration, debugging, administration in UNIX, Linux across a wide range of products. Management and design of integrated build pipelines using continuous integration workflows such as Jira, Github, Sun N1, Maven, Jenkins, Puppet, and Docker.

**Domain:** DevOps, Java Microservices, Middleware Application server and webserver Integration with Linux.

**Team Size:** 10

**Current Role:** Senior System Engineer.

* Continuous build and Integration of Java/J2EE Microservices applications based projects.
* Extensive knowledge of defect tracking with JIRA, Confluence.
* Deployment using shell scripting & tools across environments.
* Managing application level components and integration with other applications.
* Administer Source Control, and conduct version control, branching, merging, labeling for managing multiple release versions of multiple products in GIT, GITHUB.
* Working experience on Test and Build tools using Jenkins, Maven.
* Basic knowledge on continues integration/deployment area and having exposure to various integration/deployment tools such as Jenkins.
* Continuous Integration and Continuous delivery tool set: Jenkins, Puppet, Anthilpro, Sun N1.
* Application configuration management, Deployments and containizeration through Puppet and Docker.
* Administration and Support for App Servers on weblogic and apache tomcat.
* Developed custom Automation Workflow setup system using Jenkins, Anthilpro.
* Designed and Implemented fully automated server build, management, monitoring and deployment solutions spanning multiple platforms, tools and technologies including Jenkins, Maven, Sun N1 tool, Anthillpro, Puppet, Docker.
* Basic system administration on Web or App Servers including Weblogic, Apache tomcat and Oracle Iplanet.
* Develop and maintain scripts and internal tools for application deployment through continuous delivery process.
* Ensures that builds and deployments are executed in a timely manner based on the team's service level agreement.
* Interface directly with development and operational groups in support of software and production release.
* Monitoring and resolving issues related to Application Workflows and Builds scheduled for multiple squads/developments teams.
* Responding to issues raised by users within defined time-scales and communication channels set by business.
* Investigate and provide solutions to problems and queries relating directly to incidents raised through JIRA.
* Troubleshoot issues generated while building, deploying and in production support.
* Working with Infrastructure and tools teams where required in problem investigation/resolution.
* Developing scripts to improve support process. Following agreed support procedures defined by WellsFargo.
* Documenting problems in form of KEDB such that recurring incidents can be quickly identified and resolved.
* Application testing after OS patches and report bugs if any.

1. **Client: *“RICOH PLC LIMITED”-* May 2014-May 2015.**

***Description:*** Started as a System Engineer with RICOH PLC LIMITED, London (UK). The current profile includes extensive monitoring and supporting business critical applications, also management, planning and analysis of issues.

**Domain:** Application and Production Support

**Team Size:** 18

**Role:** System Engineer.

* Business as Usual activities.
* Daily applications health Check.
* Reporting Activities.
* 24\*7 I2MP monitoring
* L1 and L2 support for various application.
* Disaster recovery activities.
* Basic deployments
* Application cloning activities.
* Understanding Client requirements and meeting the expectations.
* Middleware administration.
* Team Management.
* Application Support Management.
* Process understanding.
* Creates positive and healthy team environment among team members.
* Document preparation and Updating.
* Knowledge Transition.
* Disaster recovery Management - End to End.
* Ensure 24\*7 deliveries from application perspective.
* Ensuring 24\*7 I2MP and NAGIOS monitoring.
* Meeting the defined SLA.
* Shift Management
* Leaves Management
* Ensuring completion of BAU activities.
* Meeting customer expectations within agreed Statement of Work.
* Attending Clients and weekly status call and provide inputs in regular basis.
* Ensuring Deployment and Cloning delivery.
* Ensuring adherence to defined process with client.
* Ensuring reporting activities from application and team perspective.
* Ensuring L1, L2 and L3 support for various applications
* Reviewing Shift handovers and Action items for the team.

Educational Credentials:

## B.Tech (Electrical and Electronics Engineering) with aggregate of 70% in Gandhi Engineering College, Bhubaneswar.

Personal Profile:

Name : Suraj Kumar Biswal.

Language Proficiency : English, Hindi, Odia.

Gender : Male.

Marital Status : Single.

Office Location : Hyderabad.

Current Location : Bhubaneswar (WFH).

Declaration :

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Suraj Kumar Biswal.

**Signature**