

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 benefiting 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** (Vulnerability) & **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.

2. **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 redhat, 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.

3. **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 continuous 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 containization 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.

4. 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