

RESUME

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Organizational Experience:

Since **May, 2020** working in **IBM ISL Lab** as **Cloud Security & Compliance Developer**.

Technology: Python, IBM Public Cloud & Services (Kubernetes, VSI, VPC, Nextgen, Object Storage, IAM), Jenkins, Hybrid Cloud, IBM UrbanCode deploy, Docker, Kubernetes, JIRA, GIT, GitHub, Unix, Linux, Jfrog Artifactory, Agile Kanban, SonarQube, PAAS, Maven, ANT, Ansible, YAML, Selenium, Azure.

Job Profile:

- Develop compliance Module using Python in all IBM cloud IaaS services followed by HIPAA, FedRamp, NIST-800 guidelines given by customer.
- Build compliance checks to help Financial Institutions adopt IBM Cloud.
- Develop automation for daily security checks based on IBM QRadar data.
- Build pipeline to create Jira ticket, send notification in Slack for non-compliant resources.
- Prepared Python selenium Jenkins pipeline to fetch audit report from Cognos Analytics.
- Build Slack bot for IBM cloud which can provision and retrieve details from IBM Cloud services.
- Helps IBM Cloud adopters by executing daily compliance and security checks followed by Region guidelines.
- Build Security Metrics dashboard tools which are deployed and managed in IBM Kubernetes services to provide better IaaS performance report to customer.

Dec, 2018-May, 2020

Worked as **Build & Release Engineer** in **Fidelity Investment**.

Domain: Financial Services & Mutual Funds

Role: Build & Release Engineer.

Technology: AWS, PCF, EKS, IAM role, Hybrid Cloud, Concourse, iconfig, IBM UrbanCode deploy, Jenkins, Docker, Kubernetes, JIRA, GIT, Bitbucket, Unix, Linux, Jfrog Artifactory, Nexus, Agile Kanban, SonarQube, PAAS, Maven, ANT, Python, Core Java, Spring Cloud Config, Ansible, YAML.

Job Profile:

- Configure all non-production and production CI and CD pipeline and infrastructure setup.
- Make application cloud enable using 12 factor and also onboarding of cloud.
- Make cloud application as per security standard.
- Prepared Jenkinsfile and setup automatic deployment and rollback.
- Moving docker container deployment from legacy cloud to native hybrid AWS cloud using EKS.
- Implement zero touch deployment mode with auto generate CM from service now.
- Play around various scope of automation to reduce manual work.

June, 2018-Dec, 2018

Worked as **Devops Engineer** in **IBM India Pvt Ltd.**

Domain: Banking Financial Services & Insurance (BFSI)

Client: Fidelity Investment & IBM IMI R&D

Technology: IBM Urbancode deploy, Jenkins, Docker, Kubernetes, AWS, Azure, Openshift, IBM Private Cloud, JIRA, Team City, Nagios, Geneos, GIT, Bitbucket, GitLab, Unix, Linux, Jfrog Artifactory, Nexus, Agile Kanban, SonarQube, IBM Bluemix, PAAS, Maven, ANT, Python, Ansible, YAML, IBM Public Cloud.

Job Profile:

- Configure all non-production and production build and release using devops.
- Provide application support and fix the bugs.
- Doing R&D for SecurityAsCode using Ansible.
- Install & configure all devops tools and setup CI, CD pipeline to respective teams.
- Install & configure Bitbucket, create branches takes ownership of all push or merges.
- Setup End to end tools chain for Teamcity, Jenkins, Jfrog Artifactory, SonarQube, IBM Urbancode deploy, Nagios, Jira, GitLab, Bitbucket.
- Setup devops pipeline in docker container and using kubernetes cluster.

July, 2016-June, 2018

Worked as **Software Engineer** in **HCL Technologies Ltd.**

Domain: Banking Financial Services & Insurance (BFSI)

Client: Deutsche Bank Frankfurt.

Technology: Core Java, J2EE, Struts, Struts, Urbancode deploy, Jenkins, Devops, JIRA, Team City, GIT, Bitbucket, SVN, Unix, Linux, Tibco BW (5.10), Tibco EMS, Jfrog Artifactory, Nexus, Agile Kanban, Sonar Qube, PMD, IBM Bluemix, PAAS, HP ALM, Liquibase.

Job Profile:

- Worked as L3 support as well as Java developer with Devops, solving Jira's and TDD's which created by UAT, SIT team and fixing bugs.
- Setup continuous deployment in SIT, LT, UAT & PROD environment.
- Configure Bitbucket, create branches takes ownership of all push or merges.
- Configure Artifactory integrate with mavan and prepare continuous delivery pipeline with udeploy.
- Setup Geneos in virtual linux server with active console for non-prod and prod environments.
- Configure apache http server in app server integrate with weblogic.
- Done POC using Python to create automated database schema which guess automatic header, data type of any file. It's reduce huge manpower, cost and time.
- Done POC on data profiling, data cleaning in spark on top of HDFS which was cloud standalone.

Jan, 2016-July, 2016

- On job training and internship in **HCL Technologies Ltd** under payroll of **HCL Training & Staffing Services.**

Sep, 2015-Jan, 2016

Working as **Smart Class Coordinator** under **Educomp Solutions Ltd** for ITC ltd. sponsor school Tribeni Tissues Vidyapith.

Job Profile:

- Handling the entire system and CMS software & Identifying technical fault.
- Trained teachers & staff regarding smart classes.
- Coordinating with the technical department and higher management team for research.
- Maintaining DPR (Daily Progress Report), managing ongoing future projects as per plan and timeline and Generate sectional Report for R&D.

Technical Proficiency:

- Python, IBM Public Cloud & Services (Kubernetes, VSI, VPC, Nextgen, Object Storage, IAM), Core Java, J2EE, Jfrog Artifactory, Sonar Qube, GIT, Bitbucket, IBM UrbanCode deploy, Jenkins, Team City, Nexus, Maven, ANT, Apache Ivy, Tibco BW (5.10), JIRA, HP ALM, Linux, Unix, Agile 2.0, IBM Bluemix, CI, CD, Docker, AWS, Kubernetes, Azure, Openshift, Nagios, IBM Private Cloud , Spark, Ansible, Spring, Struts.

Educational Qualifications:

- Passed **BCA** from **Punjab Technical University** in the year **2014** with a **74.47%**
- Passed 10+2th (**Science stream**) from **W.B.C.H.S.E** in the year **2008** with a **66.57%**.
- Passed 10th from **W.B.B.S.E** in the year **2006** with a **75%**.

DATE:

PLACE: Bangalore

(SWARAJ BHUSAN DUTTA)