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# Devops Specialist

# Summary

DevOps Specialist Professional offering 8+ years core implementation and tech arch experience working as a Cloud technical architect plus DevOps SME for providing technology end to end solutions in various stacks like IBM Sterling, WebSphere, SAP Hybris and Argus Suite. Have hands on experience in CI/CD automation and deployment tools (Jenkins/Bamboo), infrastructure automation (Ansible/Chef), Code quality and review tools (SonarQube, Sourceclear, Gerrit, Jetpack) and implementing different version control systems (GIT, Bitbucket, SVN). Extensive Cloud experience on Azure, AWS, OCI.

Work Experience

04/2020 – Present DevOps Specialist

*Argus Health Science R&D, Oracle*

Working as an Individual contributor in the capacity of automation DevOps specialist in the R&D automation team for one of the Oracle’s flagship health science product – Argus Suite. Few other responsibilities are:

* Discuss requirements with senior management / architects and conduct end to end implementation starting from design, estimation, coding, unit testing, release to QA and Application Maintenance Support team for deployment to customer landscapes.
* Consult other teams/projects for automation guidance, implementing better DevOps principles, enabling CI/CD, etc.
* Paneled interviewer for Argus R&D team to hire IC’s in the automation/DevOps domain.
* Facilitate different tasks like product lifecycle management, version upgrade, deployments, architectural reviews, etc.

05/2019 – 04/2020 DevOps Consultant

*Intelligent Infrastructure Capability, Accenture*

Currently leading Devops vertical for Accenture Cloud Infrastructure Operations. Responsible for the planning and implementation of DevOps processes, solutions and products for infrastructure (public cloud such as AWS/Azure and VMware) projects as part of the assignments served by the IIC DevOps group. Few other responsibilities are:

* Consulting projects starting with the clients' DevOps maturity assessment, followed by pain area identification, building DevOps strategies with short-term and long-term goals, schedule and cost estimations, cost-benefit analysis, to the hands-on DevOps implementation.
* On-ground implementation of DevOps strategy is done using concepts such as infra as code with tools such as Jenkins, chef, ansible, terraform, Azure automation account, AWS Lambda.
* Since the DevOps solutions are developed for the IT infrastructure teams, we also manage the integration with the ITSM tools such as service now, monitoring/logging tools such as Splunk, backup tools like Commvault, security tools such as Qualys Guard.
* Platforms that we operate on are mainly AWS, Azure and VMware and areas we operate in are provisioning, configuration management, code quality, monitoring and logging and networking.
* As part of Intelligent Infrastructure, i have interviewed 125+ resources (both internal and external) and have build the devops pool in turn successfully offering our services to 11+ clients successfully under my direct supervision in past 5 months.

04/2018 – 04/2019 DevOps Lead

*Telstra, Accenture*

Designed, implemented and automated end to end architecture for IBM Suite consisting of Sterling OMS, IBM DB2 database and WAS. Key implementations were:

* Infrastructure automation through Bamboo using Chef cookbooks prepared from scratch using ruby and shell scripting. Automated complete vertical IBM Stack for all the applications.
* Implemented CI/CD Build and Deploy pipelines using Bamboo.
* Implemented third party library checks for security bugs and risk profile analysis using tools like Sourceclear, jetpack.
* Implemented IBM Stack using deployment and service kubernetes model and Java recommended code quality checks using SonarQube.
* Automated testing by integrating tools like Junit and Tosca with our CI/CD pipelines.
* Implemented Git/Bitbucket and release strategy for code version control.
* Integrated Splunk for log monitoring and statistics / data analysis.
* Transitioned the team with architectural and implementation knowhow specific to client for assisting in triaging and enhancement support.

01/2016 – 03/2018 DevOps Sr Analyst

*Telra, Accenture*

Designed and implemented end to end architectural flow for Dev and QA environment. Apache web server, Hybris application web server, Aurora DB, Apache Solr used. Tools: SonarQube (Code Quality), Jenkins (CI/CD), Bitbucket/GIT, Confluence, JIRA, Gerrit (Code review), Sensu (Application monitoring). Servers hosted on AWS.

* Was part of the estimation and scalability discussion team to define and review hardware/software specifications required according to the client requirements.
* Worked in tandem with all the stakeholders and teams involved to successfully implement the sprint deliverables as defined by management.
* Hands on implementation experience of Apache webserver, Hybris tomcat platform, Apache Solr, integration with third party sources, etc.
* Implemented CI/CD pipeline using Jenkins, docker and shell scripting.
* Implemented SAP Hybris recommended code quality practices using SonarQube and Gerrit. Implemented open source monitoring solution using Sensu and bash scripting.
* Knowledge transitioned TA team to look after application maintenance of all the environments delivered till date.

***Held additional similar roles with Nadro and Soriana.***

## 12/2013 - 12/2015 Devops Analyst

*Argos, Accenture*

Implemented IBM Stack (WebSphere commerce server (WCS), WebSphere Message broker (WMB) and Sterling (OMS) architecture solution and provided end to end DevOps support for all the non-production and production environments. Have been a part of Service pack (SP) and release deployments. Tools: IBM MB Toolkit, MB Explorer, MQ Util, Appwatch, RTCP, JIRA, HQCP, RIT, Qnami.

* Deployment of bar files, building of proxy servlets, creating/modifying execution groups/ message flows as required. Common tools used are IBM WebSphere Message Broker Toolkit, MB Explorer, Putty, etc.
* Pipe cleaning of the API's, debugging the logs and rectifying the proxy servlet > MB connectivity if required from a WMB perspective to ensure normal working of the Application Interfaces used. Tools used are: Postman, putty, etc.
* Creating and executing Scripts for creation/deletion/alteration of channels (sender, receiver, SVR, etc.), and queues (local, remote, alias, transmit, etc.) using Appwatch. In addition to this, currently an Appwatch admin for creation of projects/users and for allotting access depending on the client requirement.
* Have been a part of production service pack (SP) releases and CR deployments across environments (PT, DT, SIT, UAT, Prod, etc.)
* Resolved Integration Defects logged in Jira and HPQC. The triaging consists of tracing of the message flows, modifying the architecture employed, understanding the MB logic used and analyzing the mechanism used to procure the root cause and resolve the issues.

## 09/2013 - 11/2013 Development Editor

*Professional Division, McGraw Hill Education*

Worked in Editorial Division in Science, Technology and Computing Market Focus Group in Professional and Reference division. Had to work closely with sales, marketing and production teams to formulate good content technical books which can meet the market and customer needs. My daily work consisted of:

* Budgeting and estimation followed by Market Analysis and Strategy Planning.
* Editing and development. Had to take care of front end and backend API’s for their professional division website.
* Product presentations to marketing and product teams.

# Education

## 2009 - 2013 B.Tech (ECE)

Guru Gobind Singh Indraprastha University, New Delhi

75%

## 2008 – 2009 Class 12th CBSE

Hansraj Model School, New Delhi

74.6%

## 2006 – 2007 Class 10th CBSE

Hansraj Model School, New Delhi

85%

# Skills

Hardware/Systems

Linux (Redhat, SUSE Linux, Debian), VMWare, Ubuntu, Windows

Databases

MySQL, IBM DB2, Aurora, DynamoDB, PostgreSQL, MariaDB

Languages

Shell scripting, Bash scripting (bsh, korn), Ruby.

Applications

Apache Webserver (httpd), Hybris tomcat, Ant, Maven, Apache Solr, IBM WCS, WMB, Sterling OMS.

# Core Competencies

* Azure
* Ansible/Chef
* Bitbucket /GIT/SVN
* Shell scripting/ PowerShell
* Dynatrace/AppDynamics/New Relic
* ANT
* AWS
* Azure
* Confluence/Jira Hybris
* Jenkins/Bamboo
* Docker/Kubernetes
* Gerrit
* Splunk
* Sourceclear/Jetpack
* SonarQube/Junit