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**Experience Summary**

* Currently working as a Dev-Ops Solution Architect with **10** years of experience in Enterprise Application development on open source & Cloud environment.
* Worked with business leaders to create DevOps Assessments, strategy and road- map along with experience in building solutions for Build & Release Automation, Continuous Integration, Continuous Delivery, Operational Intelligence.
* Including the automation of security into the process. Automate as many steps as possible. Have DevOps teams engage the security side throughout the value stream, looking for hold points, templatizing security aspects, standardizing the process, automate so those things just happen as part of the process. Bring everyone together onto one team
* Adept at creating POC for a customer scenario considering all aspects of the solution like Infrastructure, Application Footprint and providing best direction to the customer to drive lower TCO, enhancing organizations agility and enhancing customer’s revenue ennoblement journey.
* Consultation key accelerators includes DevOps enablement, Cloud Automation, Continuous Delivery, Change and Release Management processes and DevOps best practices.
* Proven ability of transforming a completely manual process of build and deployment into a fully automated one.
* Expertise in quality development practices and in pursuing innovative ways to build and deploy software.
* Performed various tasks related to automation, deployment, continuous integration, continuous delivery using agile methodology.
* Experienced in providing L3 level on call support for configuration, building and maintenance of UNIX servers & Application level.

**Training & Certifications**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Training / Certification Name** | **Training / Certification Agency** | **Duration** | | **Year** |
| **From** | **To** |
| **AWS SOLUTION ARCHITECT** | AMAZON | 2015 | 2016 | 1 YEAR |
| **CHEF CERTIFICATE** | ACCENTURE | 2014 | 2014 | 3 MONTHS |
| **AGILE** | MPHASIS | 2015 | 2015 | 2 MONTHS |

**WORK EXPERIENCE**

Working as a DevOps Solution Architect Dell R & D Bangalore from Sep 2018 to till date.

### Onsite Experience:

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| --- | --- | --- | --- |
| Experience Distribution | Country | Project Role(s) Played | No. of Years & Months |
| Onsite | USA | Solution Architect: Implemented Security for product | 10 months |
| Onsite | UK | Lead Consultant End to End DevOps setup for clients | 6 months |
| Client : Santander Bank |

**Technology Profile**

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| --- | --- |
| Operating System | Linux, Windows |
| Cloud Service | AWS, Microsoft AZURE,  Red hat Open shift, Salesforce |
| Database | Oracle, MySQL, |
| Security Tools | Scout Suite, Clair, Cloud Tracker, WAF, Shield Standard, GuardDuty, |
| Version Control Tool | Svn, Git, Bit Bucket |
| Build software | Ant, Maven, Grunt, Sbt , APK, IPA |
| Continuous integration | Jenkins/ Bamboo |
| Infrastructure | Puppet, Ansible, Terraform, CFT, Jenkins file |
| Application server | Apache Tomcat, Redis |
| Virtualization | VMware,(V-sphere) Virtual Box, Docker, K8 |
| Scripting Languages | Shell Scripting, python, YAML, Groovy, DSL |
| Ticketing System | Agile, Jira |
| Monitoring Tool | Sensu, Nagios, New Relic, Cloud watch |
| AWS Services | EC2, S3,VPC, Auto Scaling, AMI, Cloud Watch, Cloud Formation, EBS, ELB, Inspector, Guard Duty |
| Service Management | Releasing, Change Management, Tracking Production Releases. |
| Red hat enterprise | Creates load balancers, hosts creation , Templates. |
| Fore man & Security | Create hosts, monitoring hosts , PHP Chain. |
| F5 | Load Balancing all applications. |
| Log Stash | KIBANA, Maintaining Production logs. |
| Third Party servers | Nexus, Art factory, Pulp |
| Code Coverage Tool | Sonar, Codacy |

**Other Skills**

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| --- | --- |
| **Domain Skills** | Banking, Insurance, Retail, Travel, Mobile, Security |
| **Functional Skills** | Mobile applications, Retail applications with Automation, Security |
| **Process Skills** | Dev-Ops all open source and license Tools, Agile, Kanban |
| **Management Skills** | JIRA, Service now |

**Project 9 Summary**

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| **Current Project** | Dell R & D, Dell Data Security, Insights |
| Client | **Dell Texas, USA.** |
| Duration | From Sep 2018 to till date |
| Role | DevOps Solution Architect |
| Tools | **AWS, Azure, Jenkins, Sonar, Nexus, Harbor, Docker,**  **Kubernetes, Nagios, ELK, Graphana, F5, Scout Suite, Clair, Cloud Tracker, WAF, Shield Standard, Guard Duty, Inspector**  **Load Balancer, Bamboo, Bitbucket, Terraform, K8, Jenkins Files.** |

**Responsibilities:**

* Automated the AWS Infrastructure and application configuration by writing CFT
* Implemented Scout Suite tool for AWS Infrastructure Security to identify Vulnerabilities.
* Implemented Clair tool for Docker Image Scanner to identify Vulnerabilities.
* Implemented Cloud Tracker to identify the cloud trail logs track the user activity.
* Implemented AWS Web Application firewalls (WAF ) and shield standard for DDOS Attacks
* Implemented AWS Guard Duty, Inspector to Identify EC2 Activities.
* Planned the releases to suit the agile model of projects.
* Planned & automated most of the manual process deployment used across the project.
* Created workflows in operations orchestration to automate app and automated deployments.
* Created deployment workflows in operations orchestration which includes pre deployment checks, backup, deployment checks, Post deployment checks and the roll-back.
* Including the automation of security into the process. Automate as many steps as possible. Have DevOps teams engage the security side throughout the value stream, looking for hold points, templatizing security aspects, standardizing the process, automate so those things just happen as part of the process. Bring everyone together onto one team
* Coordinated with multiple project teams on the build and release management requirements.
* Experienced in installation, setup, configuration, maintenance & troubleshooting on RedHat Enterprise Linux, CentOS.
* Spinning up servers using CFT, Terraform and install puppet and testing through automation script.
* Created servers, AMIs, storage blocks, snapshots, VPCs, subnets, load balancers and firewalls in AWS.
* Troubleshot application related issues by log verification and verified Deployments logs to check for successful deployments.

**Project 8 Summary**

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| **Current Project** | E2e Portal Application (online bank transactions) |
| Company | **ITC Infotech ( Client : UK Santander Bank )** |
| Duration | From Jan 2018 to Sep 2018 |
| Role | Lead Consultant |
| Tools | **AWS, Jenkins, Sonar, Nexus, Harbor, Docker,**  **Kubernetes, Red Hat open shift, Nagios, ELK, Graphana, F5**  **Load Balancer, Salesforce, Azure** |

**Responsibilities:**

* Worked with business leaders to create DevOps Assessments, strategy and road- map along with experience in building solutions for Build & Release Automation, Continuous Integra-tion, Continuous Delivery, Operational Intelligence.
* Adept at creating POC for a customer scenario considering all aspects of the solution like Infrastructure, Application Footprint and providing best direction to the customer to drive lower TCO, enhancing organizations agility and enhancing customer’s revenue ennoblement journey.
* Consultation key accelerators includes DevOps enablement, Cloud Automation, Continuous Delivery, Change and Release Management processes and DevOps best practices.
* Part of Demand management team to forecast the demand and plan the new requirements.
* Planned the releases to suit the agile model of projects.
* Planned & automated most of the manual process deployment used across the project.

**Project 7 Summary**

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| **Current Project** | Management Consulting |
| Client | **Boston Consulting Group** |
| Duration | From Aug 2017 to January 2018 |
| Role | DevOps Senior Consultant |
| Tools | Microsoft AZURE ( visual studio team service ) VSTS & (TFS ), AWS |

**Responsibilities:**

* Part of Demand management team to forecast the demand and plan the new requirements.
* Planned the releases to suit the agile model of projects.
* Planned & automated most of the manual process deployment used across the project.
* Created workflows in operations orchestration to automate app and automated deployments.
* Created deployment workflows in operations orchestration which includes pre deployment checks, backup, deployment checks, Post deployment checks and the roll-back.
* Created application-software builds for development, test, and production environments.

**Project 6 Summary**

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| **Previous Project** | Management Consulting |
| Role | Senior Consultant |
| Client | **McKinsey Consulting Group** |
| Tools | Ansible, New Relic, Jenkins, Git, Vagrant, Foreman,  Kibana, Python, Service management, Spaghetti,  Maven, Shell Script, Nginx, Android/IOS builds, AWS |
| Duration | Sep 2016 to Aug 2017 |

**Responsibilities:**

* Automated the infrastructure and application configuration by writing Ansible Playbooks .
* Part of Demand management team to forecast the demand and plan the new requirements.
* Planned the releases to suit the agile model of projects.
* Planned & automated most of the manual process deployment used across the project.
* Created workflows in operations orchestration to automate app and automated deployments.
* Created deployment workflows in operations orchestration which includes predeployment checks, backup, deployment checks, Post deployment checks and the roll-back.
* Created application-software builds for development, test, and production environments.
* For configuration management, puppet has been used. Puppet server has been con-figured with the puppet master server. Created some custom module such as setting up Spark Job Server on the EMR and Node.js.
* Coordinated with multiple project teams on the build and release management requirements.
* Experienced in installation, setup, configuration, maintenance & troubleshooting on RedHat Enterprise Linux, CentOS.
* Responsible for creating builds and deployment jobs via Jenkins and Puppet.
* Installation and up gradation of Puppet modules and made sure servers got converge with new Templates load balancers.
* Created environment and users in Puppet and Pushing- Puppet Modules to applications servers.
* Installation and configuration of Vagrant in Windows or Linux.
* Spinning up servers using vagrant and install puppet and testing through automation script.
* Created servers, AMIs, storage blocks, snapshots, VPCs, subnets, load balancers and firewalls in AWS.
* Monitoring, Logging & Alerting using Nagios Sensu and responsible for 100% uptime for all applications on environments.
* Troubleshot application related issues by log verification and verified Deployments logs to check for successful deployments.

**Project 5 Summary**

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| **Project** | **Global Hotels & Flights ( Traveler )** |
| Role | Dev-Ops Engineer |
| Company | Last [minute.com](http://minute.com) |
| Tools | Puppet, Chef, Nagios, Jenkins, Git, Vagrant, Foreman, F5,VSphere, Kibana, PHP chain, Pulp, Python, Service management, Spaghetti, Maven, Shell Script, AWS |
| Duration | Jan 2016 – July 2016 |

**Responsibilities:**

* Automated the infrastructure and application configuration by writing cookbooks/ modules.
* Experienced in installation, setup, configuration, maintenance & troubleshooting on RedHat Enterprise Linux, CentOS.
* Responsible for creating builds and deployment jobs via Jenkins and Puppet.
* Installation and up gradation of Puppet modules and made sure servers got converge with new Templates load balancers.
* Created environment and users in Puppet and Pushing- Puppet Modules to applications servers.
* Installation and configuration of Vagrant in Windows or Linux.
* Spinning up servers using vagrant and install puppet and testing through automation script.
* Created servers, AMIs, storage blocks, snapshots, VPCs, subnets, load balancers and firewalls in AWS.
* Installation & configuration of GIT, merged code from develop branch to master branch and made it ready for deployment.
* Troubleshot application related issues by log verification and verified Deployments logs to check for successful deployments.
* Followed Change process and Problem records to reduce the repeated risks.

**Project 4 Summary**

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| **Past Project** | Schneider Electrical ( Ecofit ) |
| Role | Delivery Module Lead |
| Company | **Mphasis** |
| Tools | Jenkins, Chef, Artifactory, Sonar, Bitbucket, Grunt, Maven, AWS |
| Duration | Jun 2015 – Jan 2016 |

**Responsibilities:**

* Mentored team and helped the team members in critical incident like P1 ticket.
* Responsible for tagging and maintain code on version control Bit Bucket.
* Responsible for creating Builds and Deployments Planes using Chef and Jenkins.
* Cloud Infrastructure Design (Multi-tier architecture) & automation provisioning for Application migration to Cloud environment.
* End-to-End configuration of DevOps environment using Jira, Jenkins, Vagrant, Chef, Git/ BitBucket.
* Created Chef Cookbooks (including recipes, roles, environments) for various configurations (Example, DevOps automation, php Memcache Admin).
* Infrastructure automation using Chef, AWS OpsWorks & Cloud Formation.
* Provided consultation on Application/site migration to Cloud.
* Architected and deployed security-conscious infrastructure within an AWS VPC environment.
* Provided POC for clients and solutions for customer as per the requirement.
* S3 Bucket management and applied security policy for saving backup and static con-tents.
* Hands-on experience on IAM policy for end user which can provide limited access to AWS resources.

**Project 3 Summary**

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| **Past Project** | Telstra OIM (Online Identity Manager) |
| Role | Dev-Ops Engineer |
| Company | **Levvo Software Technologies** |
| Tools | JIRA, JENKINS, CHEF, NEXUS, SONAR, SVN, GIT, MAVEN, INNER SOURCE |
| Duration | May 2013 to June 2015 |

**Responsibilities:**

* Responsible for the management of release pipeline, scheduling and prioritizing release.
* Administration of Subversion control.
* Responsible for creating branches, tags and access permissions.
* Responsible for resolving SVN related issues. Resolved developer issues related to SVN.
* Created tags for every release and took backup of the repository.
* Resolved code conflicts of developer while committing the code.
* Responsible for recovering the deleted files of SVN using reverse merge

**Project 2 Summary**

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| **Previous Project** | Triabeauty |
| Role | Build and Release Engineer |
| Company | **Levvo Software Technologies** |
| Tools | JENKINS, ARTYFACTORY, SONAR, GRUNT, MAVEN, MySQL |
| Duration | Jan 2011 – Apr 2013 |

**Responsibilities:**

* SVN Server/client planning, installations and upgradation on UNIX machine.
* Created and managed repository and branches.
* SVN Server/Repository Backups & Restoration process.
* Helped users on day-to-day activities involving Check-In, Checkout, Branching problems, and user’s access control.
* Maintained the version control of deployable artifacts for the given release.
* WAR files build and deployment. Restarted server once the deployment is completed.
* Developed shell scripting for deployments to servers.
* Verified the log files if the deployment failed.
* Implemented continuous integration (CI) using Jenkins.
* Created Jobs in Jenkins. Ran the jobs as per the build calendar.

**Project 1 Summary**

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| --- | --- |
| **Past Project** | EKA Product (CTRM) |
| Role | Associate Software Engineer |
| Company | **Levvo Software Technologies** |
| Tools | SVN, GIT,ANT, MAVEN, JENKINS |
| Duration | Mar 2010 – Dec 2010 |

**Responsibilities:**

* Created and managed repository and branches.
* SVN Server/Repository Backups & Restoration process.
* Helped users on day-to-day activities involving Check-In, Checkout, Branching problems, and user’s access control.
* Maintained the version control of deployable artifacts for the given release.
* WAR files build and deployment. Restarted server once the deployment is completed.
* Developed shell scripting for deployments to servers.
* Verified the log files if the deployment failed.
* Implemented continuous integration (CI) using Jenkins.
* Created Jobs in Jenkins. Ran the jobs as per the build calendar.
* Sent mails through Jenkins if the job failed