SUDEEPIKA P

DevOps Engineer

# Contact

## Address

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# Technologies & Tools

Amazon Web Services

CI/CD, Jenkins

Code Repo – Git & git-hub

Infra Automation - Terraform

Automation scripts – Power shell

Microsoft Visual Studio, My SQL, SQL Server

SonarQube

# Languages

English

Telugu

Hindi

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| 2020-August to  Current | **DevOps Engineer**  *Work spot, Bangalore, Karnataka*   * Good communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments. * Experience with version control systems like GIT * Good exposure of agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) process. * Hands on experience in Creating the CI/CD pipeline for the following Projects stack: Asp.net, Java, .Net * Experienced in branching and merging and maintaining the versions using SCM tools like GIT and GITHUB on windows and Linux platforms. * Responsible to take the source code and compiling using maven, MS Build, Dot Net and package in its distributed format such as jar/war/msi. * Proficient in supported for Prod and non-Prod (DIT, SIT, UAT, and PERF) deployments. * Responsible in checking the code coverage and bugs using SonarQube. * Knowledge on database Oracle and MySQL * Managing software configuration build & release activities of multiple applications and software’s in Agile Methodology * Experienced in configuring and troubleshooting Fortify and SonarQube (code quality) scans. * Experience in Azure VM provisioning and multiple VM deployment. * Having knowledge and experience on AWS services such as EC2, Auto-Scaling, Load Balancer, Security Groups, S3, Route53, and Cloud-watch. * Provision, manage and destroy AWS resources and its attached services by using terrfarom orchestration tool. * Good at docker, able to write docker files to build applications as images. * Using JIRA as a ticketing tool, used to raise the tickets, update, rollback, close the ticket, based on the task. * Providing KT to New joiner and take care about introduction and project handover details and shared regular activities. |

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| 2017-07 to  2020-July | **Automation cum manual tester with Java-selenium/API services**   * Flexible, innovative, quick learner and committed to continuous self-improvement * Flexible, innovative, quick learner and committed to continuous self-improvement * Understanding and analyzing the testcases and prioritizing for test * Reporting defects to development team making the regular interactions with developers to fix the defects at earliest * Executing the regression test suits after the resolution of bugs with proper test evidences * Working on API Platform across all the API sending the JSON request * Executing different flows and reporting the defects     **ROLE 2: Build and release Engineer. JENKINS/AWS/Terraform/Git**  **Description: -**  Responsible for implementing continuous automation and orchestration. Analyse & releasing new features for pre-installed software’s to reduce security risks. Always monitored the production servers Health. process involves a lot of development, testing and deployment technologies for developing automated CI/ CD pipelines.   * Coordinate/assist developers with establishing and applying appropriate branching, merging, conventions using GIT source control. * Handling Build and Deployment process for java-based applications. * Communicating with development team for Build plan and Performed build and Deployment activities. * Maintain daily Health checks for dev, sprint, and pprd regions and if we see any regions is unstable/down then will take troubleshoot and fix the issue asap. * Applying Database patching for every month activity to fix the bugs and vulnerabilities for all existing database for all regions.      * capture the prod logs every day thru app dynamics and we will take action if anything shows suspicious in controller dashboard. * Configured Security groups and Network Access control Lists for Elastic compute cloud (ec2) instances to enable a connectivity with databases, which is hosted in VPC in order to save from malware attacks. * Configure Pre & Post build actions/Steps in Jenkins as per project requirements. * Blue-Green deployment Method following on preprod and prod environments to reduce downtime and risks for running resources. * as per scripts define in scheduler actions, automatically it will trigger and take partial and full back up to respective s3 buckets. * Documented day to day problems, major configuration changes and system architecture changes, provided 24\*7 on-call support for production environment. * By using Terraform create multiple resources dynamically.      * Configuring Managing updating destroying multiple resources or running services on any cloud in single shot using a Terraform. |
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# Education

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| 2010 | **M.Sc.,**  *Karunya Institute of Science & Technology,*  *Coimbatore* |

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| 2010 | **M.Sc.,**  *Karunya Institute of Science & Technology,*  *Coimbatore* |

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| 2005 | **PUC**  *Vivekananda junior College,*  *Anantapur* |

**Awards and achievements**

* Appreciation from stakeholder/onsite client on multiple occasions for successful delivery of project and resolving major issues within in Work spot.
* Won **On the Spot** award for project work in Work spot.