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| **Devops Engineer with 6.5 years****Amritha K V** |  amritakv11@gmail.com |
| 7795365771 |

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| **Career Objective** | I would like to be part of an organization where I could use and enhance my knowledge and talent for the development of both organization and myself |
| **WORKEXPERIENCE**  | Devops Engineer at Metricstream from Jan 2015 to till date |
| **Key Skills** | Cloud Environment: **AWS**Containers: **Docker**Container orchestration: **Kubernetes**Server configuration management tools and IaC: **Ansible, Terraform**OS and Scripting Languages: **Linux, Shell Script, Groovy**Continuous Integration tools: **Jenkins, Jenkins pipeline**Web Application server: **Apache Tomcat**Build Languages: **Maven, ANT, Makefile**SCM Tools: **GIT, GITHUB**Defect Tracking tool: **JIRA**Other tools: **Sonarqube, Artifactory, Helm Chart** |
| **Projects** | **Project:** Risk and Compliance (GRC) software solutions Jan 2015 to Till Date**Description:** Reduce Time & Costs. One integrated platform for audit, risk, compliance management and more. Schedule a demo. Advanced analytics to quantify risk with monetary value for riskaware decision making. Better Efficiency. Integrated(GRC)Platform. Intuitive Solutions.**Environments:**Linux, bash and shell script, GIT, Maven,Makefile, ANT, Jenkins, Tomcat, Ansible,,Terraform AWS, Docker, Kubernetes, JIRA, Bugzilla,Apache Tomcat |
| **Roles and Responsibilities** | * Involved in Dockerizing all the services and applications.
* Implemented testing environment for Kubernetes and administrated the Kubernetes clusters.
* Deployed and Orchestrated the applications with Kubernetes.
* Working knowledge of Container Management and Orchestration Software like Dockers, Kubernetes and Terraform.
* Proactive performance management with High Availability setup of environments to ensure the site is always speedy using containerization and orchestration tools with Docker and Kubernetes.
* Strong knowledge on shell Script and Groovy Scripting
* Primary responsibility for the maintenance, management, and streamlining of all of our Jenkins, Ansible, Docker, Kubernetes and Application servers, external processes and hosted services.
* Owning and improving our build and deployment processes with Kubernetes Cluster.
* Maintained GIT workflows for version control (Source code Management)
* Developed and maintained automated CI/CD pepelines for code deployment using jenkins
* Installed and worked on Docker
* Orchestrated Docker container cluster using Docker swarm/Kubernetes
* Building tools and processes around CI/CD pipelines involving integrations with Jenkins, testing frameworks, GitHub, etc
* Experience on AWS services like EC2 and S3
* Works with Amazon AWS tools and assist in building infrastructure for various web applications, assist with documentation and security assessment
* Orchestrate the provisioning, load balancing, dynamic configuration, monitoring and spend optimization of servers in the cloud environment
* Execute integration and migration work
* You will work to identify and drive improvements
* Setting up virtual environments for rapid development and testing.
* Responsible for creating branches, merging and resolving merging conflicts
* writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Have worked on Container orchestration platforms - Kubernetes and Docker Swarm
* Worked on Ansible. Able to write playbooks.
* Implement and maintain continuous build and deployment mechanisms.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins.
* Design and implementation of the CI/CD pipeline for Automotive SW Development projects
* Design, implement and maintain stable, efficient and well-organized Build and Release environments and processes
* Maintain a stable and well-organized tooling environment for the SW Development teams. Develop and upgrade tools and additional infrastructure as required
* Creation of release packages for delivery to the customer
* Reporting of build results to the PMs
* Coordinate user requests, and give user support concerning CI, Build, Configuration and Release Management issues
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specifies major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple branches environment
* Giving knowledge to developers about version control and build/ release concepts
* worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications.
* Participated in the release cycle of the product which involves environment like Development QA, UAT.
* Used GIT for branching, tagging, and merging
* Taking care of Patch and Load build Requests from Development Team
* Helping developer issues that are related to version control.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Documenting SCM guide and responsible for maintaining it.
* Proven Track record in meeting the goals and delivering the deliverables within deadlines without slippages.
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| **Professional highlights** | * Possessing excellent creative, analytical, problem solving skills.
* Flexible and always open to acquire new skills at a quicker place.
* An analytical thinker with good communication, passionate to learn, reasoning and interpersonal skills.
* Capable of Handling Complex and Time crunching Situations and can create more value for the company.
* Resolving the issues before the specified time frame.
* Highly adaptive to any type of work environment and technology.
* Enjoy new challenges and willing to take on extra responsibilities to get work done
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| **Education** | * BCA : karnataka college, bidar - gulbarga university
* 12th : mahatma gandhi pu college, udgir, maharastra - maharashtra state board of secondary and higher secondary education, pune
* 10th : gurunanak public school, bidar - karnataka secondary education board
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| **Personal Details** | Date of Birth : 02-06-1988PAN Card : CEEPK5686J |
| **DECLARATION** | I hereby declare that all the above-furnished details are true to the best of my knowledge  |

**Amritha K V**