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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 |
| **WORK EXPERIENCE** | 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. |
| **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 |
| **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 |
| **Personal Details** | Date of Birth : 02-06-1988  PAN Card : CEEPK5686J |
| **DECLARATION** | I hereby declare that all the above-furnished details are true to the best of my knowledge |

**Amritha K V**