MANIKA TIWARI

Software Engineer

Contact

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Skills

• Containerization • Version Control • Data Integrity • Pipeline Management • Configuration Management • Cloud Technology Management • Virtualization • Infrastructure Monitoring & Security Deployment & Rollback Strategy :Maintenance and troubleshooting :Build releases

Software

Programming : Jenkins, Unix Shell Scripting SDLC Methodologies: Agile, Scrum, Waterfall DevOps Tools: GIT, Jenkins, Docker, Kubernetes, Ansible, Nagios, CI/CD Pipelines Web Servers: Apache, Nginix System Engineering: Issue Tracking,

6+years' experience with major focus on DevOps working with technical teams implementing CI/CD, Build Engineering and Configuration Management.
Proficient in design & implementation of complex and fully automated Continuous Integration, Continuous Delivery, Continuous Deployment pipelines and DevOps processes for Agile projects.
Ability to perform development and management tasks and possess strong problem analysis skills with ability to follow project standards, best practices and procedures.
Focus on application management and operations within the project.

Work History

2019-05 - Current

DevOps Engineer

HCL Technologies, Bengaluru, Karnataka

- Monitored automated build and continuous software integration process to drive build/release failure resolution.
- Setup Build infrastructure with Jenkins and Subversion server in AWS.
- Created server & components by application of Virtualization Concept using Docker. Ensuring timely project delivery by liaising with key stakeholders, Development Architects/Managers & developers.
- Implemented a Continuous Delivery pipeline with Docker, and GitHub and AWS Implemented AWS Cloud platform and its features which includes EC2, Route53, Lambda.
- Created Docker images using a Docker file, worked on Docker container snapshots, removing images, and managing Docker volumes
- Used Jenkins pipelines to drive all micro services builds out to the Docker registry. Created Pods and managed using Kubernetes.
- Created multiple continuous deployment processes and advised on the best practices. Employed complex concepts &technologies including GIT, docker, Apache, nodes, etc.
- Performing various automation and configuration management using Python, parsing JSON and other types of scripts.

- Knowledge of databases like MYSQL and Oracle.

2017-09 -
2019-05

Application Engineer

Volvo Group India Pvt Ltd, Bengaluru, Karnataka

- Involved in Jira issue tracking tool, Confluence Space creation tool and Bitbucket tool.
- Handling the application based incidents and maintenance activities on Prod and Dev servers.
- Doing custom level enhancements by using JQL query on the application.
- Upgrading the Atlassian applications to the latest version and informing the application key users to perform UAT. Fixing bugs if encountered any.
- Hands on experience of Devops tools like Jenkins, Git and Docker.
- Worked on Git Bash commands, building jenkins pipeline and creation of docker images and containers.
- Also, involved in a proof of concept performing end to end software development and information technology operations.
- Actively participating in application enhancements and providing innovation ideas based on the interactions with business users.

2014-05 -
2016-12

Engineer

Virtusa Consulting Services Pvt Ltd, Bengaluru, Karnataka

- Involved in the Application Support and Maintenance project and serving the customers as per their requests.
- Helped the business users by fixing the defects (Service Requests and incidents) and deploying the change requests.
- The main tools were Portal Infranet Billing tool and OBI reporting.
- Resolving Java code related issues and fixing the application bugs.
- Worked as L2 support in the project and handling business users on everyday basis.
- Experience on SQL queries and Unix command line and performing deployments on Prod and Dev

servers.

Education

2010-09 -
2014-04

B.E: CSE

Sathyabama University
GPA: 80.1

2009-04 -
2010-06

High School Diploma

*Narayana Junior College - Hyderabad, Jamuna
Colliery*
GPA: 91.3

2007-04 -
2008-06

Metric

Kendriya Vidyalaya
GPA: 85.6

Accomplishments

- Active Participation in the Chennai CSR initiatives
  organized by Virtusa.
- Integral part of the employees' fun committee for
  organizing extracurricular activities within Virtusa.
- Part of Practitioner communities within Volvo which
  were helpful in competence development.
- Handling Jira training for users within Volvo Trucks to
  provide exposure on the tool.