

Sana v v surya narayana

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PROFILE SUMMARY

- **Having 2+ years** of experience in IT industry comprising of DevOps and Build& Release Management.

AREAS OF EXPERTISE

- ❖ Over 2+years as a **DevOps/build and release engineer** in application configuration, code compilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.
- ❖ Experience in Administration/Maintenance of source control management systems, such as code, manage, collaborate (**Bitbucket**), **GIT** and **SVN**
- ❖ Knowledge on**Dockerhub, Docker Images, ECS, ECR,docker compose**
- ❖ Implemented **AWS Cloud platform** and its features which includes EC2, VPC, EBS, AMI, ECR, RDS, EBS, Cloud Watch, Cloud Formation AWS Config, Autos calling, AWS DMS Cloud Front, IAM, S3, R53.
- ❖ Worked on cloud-based servers like **AWS**,
- ❖ Proficient with container systems like **Docker** and container orchestration like **EC2 Container Service**,
- ❖ Managed **Docker orchestration and Docker containerization**.
- ❖ Good Knowledge in Shell, Python, Perl & Expect scripting
- ❖ Good knowledge on managing and integrating code Quality tools like **SonarQube**, manage **sonar rules**, **Quality gates**.
- ❖ Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
- ❖ Hands on Experience on Deployment and implementation of Ansible for infrastructure as code initiative
- ❖ Extensive experience using **MAVEN** and **ANT** as build tools for the building of deployable artifacts (jar, war & ear) from source code.
- ❖ Experience in Bug/Issue tracking tool like **Bugzilla**, **JIRA**.
- ❖ In-depth knowledge of computer applications and scripting like **Shell**, **JavaScript** and **XML**.
- ❖ Hands on experience with **Junit**, and **Shell scripting**, **yawl**
- ❖ Good understanding of the principles and best practices of Software Configuration Management (SCM) in **Agile**, **Scrum**, and **Waterfall** methodologies.
- ❖ Experience in Continuous Integration and Continuous deployment using various CI Tools like **Jenkins**, **travovis** and **GOCD**
- ❖ Experience of working with the release and deployment in **Java/J2EE** Web applications environment.
- ❖ Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, Testing, implementing and Post-production analysis of the projects.
- ❖ Expert in deploying the code through web application servers like **Httpd/ Apache Tomcat**
- ❖ Solid understanding of networking concepts and conceptual understanding of protocols.
- ❖ Experienced in deploying Database Changes to **MS SQL Server** and **MY SQL databases**.
- ❖ Knowledge of databases like **MySQL**, **MSSQL**
- ❖ Effectively configured **MySQL Replication** as part of HA solution.
- ❖ Experienced in branching, tagging and maintaining the version across the environments using SCM tools like **GIT**, **Subversion (SVN)**
- ❖ Extensive work experience on **Apache Web server** and **Tomcat Application server**.
- ❖ Hands on experience on Virtual Hosting with **Apache httpd server** using **Multiple Tomcat Clusteringandwildfly node level clustering**.
- ❖ Hands-on experience creating and managing the various development and build platforms, and deployment strategies.

EMPLOYMENT DETAILS

- Working as Devops Engineer in **AMTEX INFO SOLUTIONS** from August 2019 to 29/09/2021
- Working as Devops Engineer in **SONATA SOFTWARE LTD** from Oct 2021 to Till

- Versioning Tools: BITBUCKET, GIT& SVN
- AWS: EC2, S3, EBS, Cloud Watch, Auto Scaling, RDS, ELB, AMI & VPC, ECR, AWS DMS
- CI&CD Tools: Jenkins, Travis, GOCD
- Build Tools: ANT, MAVEN
- Operating System: LINUX, UNIX, Ubuntu, Windows 98/XP/NT/2000/2003/2008.
- Bug Tracking& Testing Tools: JIRA, Bugzilla, Junit, Mantisbt
- Tools MS Office Suite, Nexus, Confluence, Atlassian.
- SDLC: Agile, Scrum Waterfall Methodologies
- Languages: SQL, Java/J2EE.
- Scripts: Shell Script, ANT Script, Batch Script,
- Web/App servers: Apache Tomcat, JBOSS. & Wildfly10
- RDBMS: SQL SERVER, MYSQL.
- Micro Services

EDUCATION

- Diploma in Mechanical engineering from KITS Engineering College in year of **2016** from **SBTET**

Project Details:

Project 1:

Client: AMTEX INFO SOLUTIONS: Hands on experience in micro services configured five node cluster and stores ecru container using auto scaling load balance and ingress controller and implementing Grafana monitoring toll

Responsibilities:

- Maintained and administered **GIT source code** tool.
- Created Branches, Labels and performed Merges in **GIT**.
- Designing and developing new back-end services, maintaining and expanding our **Amazon Web Services** infrastructure, and providing mentorship to others on my team.
- Implemented & maintained the branching and **build/release** strategies utilizing **GIT** and **STASH**.
- Developed processes, tools, automation for **Jenkins** based software for build system and delivering SW Builds.
- Managed build results in **Jenkins** and deployed using workflows.
- Delivered specific versions of various components of an application into target environments.
- Maintain and track inventory using **Jenkins** and set alerts when the servers are full and need attention.
- Installed and administered **Docker**. Wrote **Docker** images for **Nexus** and various.
- Constructed/Architected a **Continuous Integration** CI Server and Implemented Build/Deploy automation Server utilizing CI Technologies like **Jenkins/Travis**
- Designed and Build deployments on **Docker containers**.
- Developed and managed delivery pipeline and prioritized functioning period and quick server response time.
- Installed **Docker Registry** for local upload and download of docker images and even from docker hub.
- Managed and reviewed Hadoop Log files as a part of administration for troubleshooting purposes. Communicate and escalate issues appropriately.
- As a admin followed standard Back up policies to make sure the high availability of cluster.
- Designed and Build deployments on **Docker containers**.
- Installed **Docker Registry** for local upload and download of docker images and even from docker hub.
- In-depth understanding of large complex software systems to isolate defects, reproduce defects, assess risk and understand varied customer deployments.
- Responsible for design and maintenance of the **SVN** Repositories, views, and the access control strategies.
- Experienced in Installing, Upgrading, Patching, Configuring and Administrating **Red Hat Linux**.
- Configured networking services such as DNS, SSH, DHCP and printer services in **Red Hat Linux servers**.
- Performed **RPM** and **YUM** package installations, patch and other server management.
- Responsible for managing the code in GIT Version Control System
- Automated the process of taking a backup of the necessary code changes, while debugging an issue, through a Script according to development team's requirements.

- Responsible for Daily Backup, Scheduling of backup job, Nightly backup setup.
- Preparing build environments for web-based enterprise applications and competent in application troubleshooting.
- Automated the Build process through Shell Scripts and assisting the developers with the scripts know-how.
- Carried Deployments and builds on various environments.

Environment: Bit bucket, GIT, Shell scripts, MAVEN, Jenkins, Ansible, Docker, Nagios, Nexus, LINUX, UNIX, Windows XP, Java, J2EE.

Declaration:

This is to certify that all the information given above is true to the best of my knowledge.

S V V S NARAYANA