

Sumanth M



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Summary of Experience

- Overall 10 years of experience into IT industry.
- Around 6 years as a DevOps Engineer, comprising of DevOps, Build Engineering and Release Management process, including end-to-end code configuration, Infrastructure automation, code migration, Configuration Management, and system administration. Experience in setting up the enterprise infrastructure on Amazon Web Services (AWS).
- Worked on **AWS services** like IAM, EC2, EBS, S3, ELB, VPC, EKS, Lambda, Route 53, Auto Scaling, Cloud Watch, Cloud Front, Cloud Trail, SQS, SNS, and experienced in Cloud automation.
- Used **Terraform** to create AWS infrastructure.
- Set up and managed **Docker** containers, running applications, for deployment into **Kubernetes** pods, Build Kubernetes on AWS with Route53 from scratch
- Configuring **Jenkins** as a common build engine to build and deploy applications to Dev, QA, UAT and Prod environments and Responsible for creating git hooks to trigger Jenkins build automatically.
- Managed **GitHub** repositories and permissions, including branching and tagging for Dev, UAT, Prod and Release.
- Developing and implementing software release management strategies for various applications according to the **agile process**, Used **Jira** to manage the sprints
- Maintaining detailed documentation of moderately complex system specifications, including system installation procedures, system backup, recovery techniques, and system test methods
- Configuration/Build/Release Management/Continuous Integration and expertise on version control tools like **Subversion**, **Clear case** administration, Managing build and multiple releases. Also worked on **Clear Quest** (Bug Tracking Tool) administration
- Good Knowledge of **Shell** and **Python** scripting. Able to write or modify the scripts as per the requirement.

Skills

AWS Services, Terraform, Kubernetes, Docker, Prometheus, Jenkins, Jira, Git, SVN, Clear case, Clear quest, Python, Shell

Certifications

- AWS Certified Solutions Architect - Associate (SAA-C02)

Work Experience

Cyient Technologies, Bengaluru – Technical Lead

August 2016– current B'luru

- Designed and implemented a continuous build-test-deployment (CI/CD) system with multiple component pipelines using Jenkins to support weekly releases and out-of-cycle releases based on business needs
- Implemented a Continuous Delivery pipeline with Docker, and GitHub and AWS
- Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
- Responsible for product deployments into QA, STAGE and PROD environments.
- Designed the Release Plans while coordinating with Stake Holders including Project Management Lead, Development Lead, and QA Team Lead
- Automated the provisioning of environments and deployed environments using Kubernetes containers
- Spearheaded the Agile DevOps design, development, testing, and release.
- Managing day-to-day software configuration management activities for multiple product lines, including source code control, Version control, branch management, build management, release management, etc.

HCL Technologies, Bengaluru - Software Engineer

March 2015 - August 2016 B'luru

Activities:

- Responsible for Administration of Rational ClearCase and ClearQuest.
- VOB's Administration which includes creating new VOBs, maintaining existing VOB's
- Worked with other team members in the business analysis, development, quality assurance, regression testing, and support teams to deliver projects to the business as defined in SDLC
- Manage ClearCase Access control strategies as per the requests
- Migration of VOBs (move and relocate) from one server to another and restoring crashed vobs from the backup.
- Responsible for Designing effective custom branching and merging strategies.
- Monitoring weekly and daily Backup of VOBs, Database and registry servers.
- Configured ClearQuest server from scratch
- Managing and administrating of ClearQuest Schemas and Bugzilla schemas.
- Tracking of issues for each release, baseline establishment and release management as mentioned in IPDP process.

Roles and Responsibilities:

- Testing and Flight simulation data analysis using simulation tools.
- Involved in various testing activities and performed testing activities to meet DO standards for environmental safety guidelines.
- Performed unit test, integration testing, system testing and Report generation.
- Bug tracking for the various releases and closer of bugs.
- Performed audit checks with customer.
- Performed release activities such as build creation, packaging and merging of artifacts for each release and sharing with customer.

Aeronautical Development Agency (ADA), Bengaluru - Project Engineer

August 2011 - November 2012

B'luru

Roles and Responsibilities:

- Design and Development of flight test manuals for the IAF Simulators.
- Activities involves creation of manuals and database for the simulators.
- Simulation includes creation of animated follow diagrams and images in Unix environment and mapping data to objects.
- Database Designed and Developed as per IAF standards and requirements.
- Creating and configuring data in simulator tools.
- Involved in end-to-end Dev, Prod, Testing and Release of the Manuals.

Education

- **Sikkim Manipal University** - MBA., Information Technologies
- **Visvesvaraya Technological University** - BE., Electronics & Communication

Awards and Recognitions

Bronze award from Cyient for cost optimization using AWS cloud service.

Declaration:

I declare that the information furnished is true to the best of my knowledge and intension.

Date:

Sumanth Manjunatha