

Samyak Rout

AWS Certified/Docker/Kubernetes/Logging/CICD One Click Automation/Ansible/Powershell/Python/Infra Automation/Devops Crusader/Agile & SAFe/Self Learner/Docker Swarm/Provide Training

Summary

Samyak Rout is a passionate Consultant about business acumen, Agile and SAFe, DevOps and love for ALM Automation to serve as an invaluable asset for the IT organisations. He has worked and consulted various customers across different geographies in streamlining and rationalising their As-Is process to a matured Enterprise level of DevOps and Agile process.

Samyak Rout is a keen learner, smart worker, and has a deep dive on troubleshooting ALM issues. He has architected, and implemented various phases of DevOps (Continuous Development, Continuous Integration, Continuous and Automated Deployment, Automated Testing, Continuous Delivery, and Automated Monitoring). Samyak has good knowledge on various ALM tools available.

Samyak Rout started his career as an Android Developer and the passion towards ALM automation drives him to join Consulting at a very early stage of his career. His primary responsibilities are designing and implementing the various SCM and Build management tools into a working end-to-end model starting from the portfolio management to requirement gathering and the deployment on to the higher environments. Supported the developers in maintaining the swift work flow all around for better process maintenance of the tools. Integrated with all other SCM tools like version control tools and automated testing tools with defect management tools together and implementing the Continuous Integration in the build and run part.

SCM: Subversion, GIT, TFS, ClearCase

Build Tool: Maven, ANT, Gradle

CI Built Automation: Jenkins, TFS, Cruise Control, Team City

Release Automation: CA Release Automation, Octopus, UDeploy, Jenkins

Service Visualization: LISA Service Visualization

Project management: Rally, Jira

Infrastructure as a Code: Docker, Chef

Cloud Infrastructure: AWS, Azure

Visualization: VMWare

Automation Script: Python, PowerShell

Methodologies: Waterfall, Agile, SAFe, DevOps

Monitoring: Nagios, Splunk

Security: Fortify 360

Skills: ALM Automation, DevOps

Experience

Senior DevOps Consultant at Vlocity

May 2018 - Present

Sr. DevOps Engineer at National Australia Bank

November 2017 - May 2018 (7 months)

Working as a Sr. DevOps Consultant with NAB Mobile, sponsored by Odecee. Samyak is currently working to uplift, develop, design and support the mobile app developers to stabilize the build, test and release activities and their as-is automation. Create CUI for enabling AI and Machine Learning to the existing DevOps automation with voice enabled CI & CD. Mobile team includes both android and iOS developers.

Primary responsibilities are as below:

- ✓ Creating Ansible modules and scripts to automate developer's macos setup and making it ready to ease of the tedious on-boarding process with one click
developer setup to install Xcode, Android Studio and all its relevant dependency packages.
- ✓ Creating PowerShell scripts to do all the CICD and release automation rather using the Jenkins supported Groovy
- ✓ Enabling ease to create Pipeline using Yaml format for the developers and Ops team, in order to not go through a new DSL language to get them into action
- ✓ Developing various automation wrappers using PowerShell and python scripts to support the Yaml format pipeline creation
- ✓ Designing the CUI using Rocket Chat to help build and test the application using voice rather GUI
- ✓ Defining, designing and developing Serverless CICD to reduce maintenance burden of the Ops team to manage Jenkins Servers and its Agents
- ✓ Developing Dockerfile to help install and configure Jenkins on AWS and managing the dockers using Kubernetes
- ✓ Implementing ELK and LogStash to help Ops and Dev team in not only to monitor but also creating and developing self-healing pro-active scripts to check and resolve any upcoming known issues in order to help Dev and Ops team to work on innovation rather not on support

Devops Consultant at Odecee, A Cognizant Digital Business

October 2017 - May 2018 (8 months)

Joined Odece who's a digital partner with Cognizant as a DevOps Engineer and will be working primarily on Automation.

I am currently working as a Sr. DevOps Engineer with NAB.

DevOps Designer Lead at nbn™ Australia

April 2017 - September 2017 (6 months)

Samyak is leading the DevOps activities, by collating all the requirements from the customer and working with the team to standardize their current ALM landscape and CM activities. Brought in the best practices that aligned all various teams to adopt and that resulted in seamless communication and release process with proper governance in place. Worked with the Ops team in creating Ansible playbooks for various environments to setup the application provisioning which reduced the manual overhead and dependencies on the Ops team. One click application provisioning using Ansible + CD GO/Jenkins. Migration of the source code of the nominated applications from their existing SCM tools to one consolidated GIT scm tool with proper documentation and policies related to it. Worked with the scrum masters and trained them on Jira usage and workflow creation. helped the team onboard to Jira and having a template for each application System team to start with, resulting in showcasing the efforts shared by team and value and benefits subjected too the customer.

Consultant at Infosys

August 2014 - September 2017 (3 years 2 months)

Joined Infosys as a DevOps Consultant from Bangalore and deputed to Australia for an engagement.

1. Creating various training and sessions on ALM and DevOps processes
2. Installed and Configured a full CI CD workflow for the POC purpose
3. Created and worked with team on various DevOps and Agile proposals
4. Supported and consulted various RFI/RFPs

DevOps lead at Spark New Zealand

January 2017 - April 2017 (4 months)

Samyak played a challenging role of a leading and managing a team of various skill-set and working all together to create an impact for the customer in the DevOps space and uplifting their DevOps maturity level with each passing sprint. Implemented an Agile model that showcased the first Agile demo to the customer working hand in hand with the Agile coaches, by implementing VSTS tool. On-boarded six applications having various technologies (JAVA/.Net/Siebel/Client Custom Codes) to an in-house platform created by the managed developers and having a full CI-CD platform created to have the build and deployment done automatically without any manual

intervention. Samyak made an impact by learning new technologies and tools and creating Python scripts to automate the deployments.

Worked closely with the test team to recreate their existing test automation framework to bring in Continuous Testing for each feature than a full regression testing.

Principal Solution Designer at Westpac

October 2014 - December 2016 (2 years 3 months)

Role: ALM Automation engineer / Consultant (Onsite: Australia)

Agile, and DevOps based consulting to rationalize the ALM solution for the leading banking customer in Australia.

Designed, Created and Implemented the below processes in a full end to end build Automation:

- > Continuous Integration
- > Automated Unit Testing
- > Automated Source Code Analysis
- > Continuous Deployment
- > Service Virtualization
- > Cloud Infrastructure

1. Implementation, Training, and migration of various tools and creating an Unified SCM/ALM strategy
2. Recommending best practices for enhancing and improving the Quality of the code developed
3. Implemented and Allied DevOps + Lean concept to optimize there As-Is processes
4. Helped customers in getting on to the DevOps tracks by giving multiple session and benefits of adhering to DevOps
5. Used Parent POM and ANT (Reactor Mechanishm) Configuration for optimizing the build process and reducing the overall build time
6. Optimized the as-is process to a more streamlined automated process that reduced the developers and operations effort
7. Planning, socialising, implementing the migration from the existing SVN to bitbucket and from Rally to Jira
8. Training the developers and team on Git and Jira, suggesting and implementing the best practices around the same
9. Socialising and improving the as is branching strategy with automated merge and build strategy

Senior Software Engineer at Relevance Lab

April 2014 - July 2014 (4 months)

Worked for a reputed US DevOps specialist IT organisation as a senior configuration engineer.

My responsibilities were creating solution designs for the customer using various ALM/SCM tool.

I will be adhering to DevOps concept to coin in the Continuous Integration along with Continuous Deployment and Delivery with automated testing. Chef is the primary server provisioning automation tool used to create the magic with DevOps.

Bridging up the gaps if any within the process for the clients and helping the customer for better ROI by automating any manual repeatable process which saves time and effort. Understanding the requirements of the customers and proving them with an out of box solutions by suggesting the best practices for the CI-CD processes. While working on the existing process we are also keen to adapt and have started working on the new technologies as Docker.

Relevance Lab is a US based DevOps specialist organisation who creates DevOps solutions for the customers. We will be working on various platforms from Cloud Computing to Virtualization and also on some of the best commercial CM and automation tools like Chef and Puppet.

Consultant at Tesco HSC

February 2014 - April 2014 (3 months)

Worked as a Consultant and was a part of SCM / Build and Release/Deployment team. The responsibilities that I used share were more into the TFS administration and troubleshooting the build issues, documentation of the issues and it's resolutions, I was responsible for all the release activities and also will be streamlining the continuous integration along with continuous deployment with adhering to the Agile Process. Training the new developers and users on the usage of TFS. My primary responsibilities will be developing msbuild build scripts and supporting and implementing the TFS Administration suite with upgradation of the same. I will create the Live Implementation Plan and Implementation Test Plan for deployments to the Live and Pre-Prod or Stage environments.

I will be responsible for understanding and communicating other teams on the dependencies of the deployment component with other components.

Currently I am working as a Release and Deployment engineer in Tesco and have been using TFS 2010 as the VC and also we use the TFS for reviewing the RFC and ICCM for any CM raised for deployments and NOLIO ASAP as the build and deployment tool for automating the deployment process. My core area is on automating the various processes together for the deployment plan and taking the ownership of the released products. I am currently working for the release and deployment of tesco mobile applications termed as APIs. Apart to that I monitor the servers using Microsoft SCOM as the server provisioning tool. I follow the Waterfall, Agile and DevOps methodologies and processes for supporting the complete software lifecycle. My current responsibilities are deploying the mobile api to 30 plus servers after have been rigorous testing

done by the testing teams and automating the manual process of deployments using the Nolio Automation tool.

Associate Technical Consultant at Wipro

April 2011 - January 2014 (2 years 10 months)

I was responsible for all the SCM activities. Engaged and Consulted with the clients for requirement gathering and Architect the process and excellence part. Responsibilities were mostly on the tool consulting part where we give training to the developers/testers/Admin the usage of the Tools and workflow it maintains. I was working closely with my team in consulting and supporting the Business process and client interactions.

Education

Institute Of Technical Education And Research

Bachelor of Technology (BTech), Electrical Engineering, 2006 - 2010

Activities and Societies: Dance and Function organize and coordination

Stewart School, Bhubaneswar, India

Matriculation, Physical Sciences, 2002 - 2003

Honors and Awards

ITIL V3 Foundation Certificate

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[Contact Samyak on LinkedIn](#)