



# SANTHOSH NAVEEN KUMAR YATAM

## SENIOR SOFTWARE ENGINEER

### PERSONAL PROFILE

Professional with 12+ years of experience in information technology as a DevOps and Automation engineer with exposure to SDLC, STLC and Continuous integration & Continuous delivery.

### CONTACT DETAILS

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🏠 Minnesota, USa

### SKILLS AND EXPERTISE

- Practices: DevOps, SDLC, STLC, CI/CD
- Cloud Technologies: AWS, Azure, Google
- MFA: OKTA, PingID, Duo
- CI tools: Jenkins, Bamboo and TFS/Azure Devops
- IaC: Terraform, Ansible, Chef, CloudFormation
- SCM: bitbucket, github, gitlab, tfs and subversion
- Security & Code Analysis: CheckMarx, SonarQube, Qualys
- Messaging & Sreaming: Kafka, IBM MQ, RabbbitMQ, AmazonMQ, SQS/SNS.
- Databases: ·Oracle, MySQL and NoSQL databases like AWS Dynamo DB and MongoDB

### EDUCATIONAL HISTORY

#### Masters in Information Systems Security

*University of Cumberlands, KY, USA*  
April -2019

#### Masters in Electrical Engineering

*Northwestern Polytechnic University, CA, USA*  
April - 2016

#### Bachelors in Electronics and communication Engineering

*Jawaharlal Nehru Technological University, AP, INDIA*  
April - 2013

### WORK EXPERIENCE

#### Bestbuy Co Inc

*Minneapolis, MN*  
Senior Software Engineer | 2020 - Present

#### ALSAC

*Memphis, TN*  
DevOps Engineer - Jan 2018 - Dec 2020

#### OPTUM

*Minneapolis, MN*  
DevOps Engineer - Jan 2017 - Dec 2017

#### Tech Mahindra

*Hyderabad, India*  
Automation Engineer - Mar 2013- Apr 2015

## **Professional Summary:**

- Professional with 12+ years of experience in information technology as a DevOps and Automation engineer with exposure to SDLC, STLC and Continuous integration & Continuous delivery.
- Good working experience with datacenter and cloud systems like AWS and Azure.
- Extensively worked using AWS/Azure services along with wide and in depth understanding of each one of the services – IAM, EC2, VPC, S3, EBS/ECS, Cloud Watch, Cloud Trail & Networking.
- Experienced in implementing two factor authentication using OKTA, PingID, Duo.
- Good working experience with CI tools- Jenkins, Bamboo and TFS/Azure Devops.
- Configuring, Automating and Deploying as Infrastructure as code using Chef, Terraform, CloudFormation and Ansible for configuration management to existing and new Infrastructure.
- Experienced in working with SCM tools including bitbucket, github,gitlab, tfs and subversion.
- Good working experience with network security and SAST tools like Checkmarx and SonarQube.
- Worked on installing/configuring/integrating source code and security analysis tool like SonarQube and Checkmarx into CI/CD pipelines.
- Good working experience with different messaging and streaming platforms including Kafka, IBM MQ, RabbbitMQ, AmazonMQ, SQS/SNS.
- Worked with databases such as Oracle, MySQL and NoSQL databases like AWS Dynamo DB and MongoDB
- Worked with artifact/dependency management tools including nexus and Jfrog artifactory.
- Worked with Windows/Linux systems to setup/debug applications and to monitor application logs.
- Worked in container-based technologies like Docker, Kubernetes and OpenShift
- Experience with OpenShift system integration, Infrastructure as a service.
- Good exposure to Java/Maven development and project implementation.
- Good working experience with project management tools like Jira, TFS, HP ALM and Asana.
- Expertise in integrating automation testing into CI/CD using Saucelabs/Appium through Jenkins.
- Experienced in working with customized hybrid frameworks using selenium webdriver and automated integration and regression tests suites to run within pipelines.
- Good experience in working with both SOAP and REST services using SOAP UI, postman and REST.
- Hands on experience in running test cases on headless browser and saucelabs from Jenkins build.
- Good understanding with content management tools like AEM (Adobe Experience Manager)
- Participated in testing activities in collaboration with the development and production teams to ensure satisfactory performance of end-user reporting.
- Ability to work in team as well as independently and take initiatives to learn new technologies and mentor/guide colleagues and junior resources.

## *Professional Experience:*

*BestBuy, Minneapolis, MN*

*Dec 2020 – Present*

*Senior Software Engineer (DevOps - SRE)*

*Description: Best Buy Co. Inc. is an American multinational consumer electronics retailer*

- Participate in research and evaluation of bringing in new technologies into the organization.*
- Setup and manage AWS/Azure core services, messaging and streaming platforms on datacenter and cloud(AWS/Azure).*
- Setup environments with complete automation for messaging platforms like Kafka, IBMMQ, RabbitMQ, AmazonMQ. SQS/SNS in cloud and datacenter.*
- Work with development teams to setup messaging and streaming platform like Kafka and setup automation for CI/CD pipelines and participate in deployment activities.*
- Setup and maintain continuous test integration and automatic builds by using bamboo/Jenkins/Gitlab and generate reports after each build.*
- Write automation scripts using python/shell for certificate renewals and groovy for Jenkins pipeline as code and to automate build/deploy plans.*
- Write terraform and CloudFormation templates to setup AWS managed services and to setup service catalogs on AWS and Azure.*
- Write Chef cookbooks and Ansible playbooks to manage all existing servers and automate the build/configuration of new Servers/Infrastructure.*
- Worked on setting up Oracle, SQL and NoSQL Databases on Datacenter and Cloud.*
- Integrated source code analysis and security analysis into CI/CD pipelines through checkmarx and SonarQube for various application developed using Java, .NET and ReactJS.*
- Collaborate with development teams to integrate security practices into CI/CD pipelines.*
- Design and implement infrastructure as code (IaC) with embedded security controls.*
- Working on setting up OpenShift environment is AWS.*
- Managing the OpenShift clusters that includes scaling up and down the app nodes.*

*ALSAC, Memphis, TN*

*Jan 2018 – Dec 2020*

*DevOps Engineer(SRE)*

*Description: Fundraising and awareness organization for St. Jude Children's Research Hospital, works to raise and steward funds to operate and maintain the hospital and its researchWork with development teams to setup automated CI/CD pipelines and participate in deployment activities.*

- Setup complete automated build and deploy pipelines to AEM, WebLogic and IIS servers from, Gitlab, Bamboo and TFS/Azure Devops.*
- Setup and participate on AEM (Adobe Experience Manager) administration tasks.*
- Write automation scripts using groovy for jenkins pipeline as code and automate build and deploy plans.*
- Write ansible playbooks to manage all existing servers and automate the build/configuration of new servers.*

- Participated in implementation of hybrid test automation framework build using selenium webdriver and maven technologies under java platform.
- Hands on experience in cloudbased testing by running test cases on headless browser and saucelabs from jenkins.
- Worked on HP UFT to create and run sanity scripts on daily basis.
- Participated in test case migration from HP UFT to selenium/cucumber.
- Triaged tests coming from UAT on ALM and assigned them to developers/teams working on the story.
- Prepared test metrics and Involved in tracking defects and generating status reports.
- Tested the response format of Restful web services in JSON, XML format.
- Used appium for native mobile application automation testing on IOS and Android platform.
- Worked on distributed test automation execution on different environments as part of continuous integration process using selenium and jenkins.
- Participated on AEM (Adobe Experience Manager) administration tasks and cloud AWS/Open shift deployments.

Tech Mahindra  
Automation Engineer

Mar 2013 – Apr 2015

Description: Multinational information technology services, consulting, and business process outsourcing company.

- Involved in administering Unix/Linux VM's on datacenter/Cloud and work with app team teams to install required applications.
- Worked as automation engineer on infrastructure side and automation testing with different tools as mentioned below.
- Used selenium webdriver for automation scripts in Java using maven, cucumber, and testng automation testing for web applications.
- Developed test cases and tested them based on the business requirements, test scenarios and analyzed the actual results against the expected results.
- Involved in testing of services using SOAP/REST services using SOAP UI, groovy script.
- Involved in user acceptance testing (UAT) of the application.
- Performed manual functional testing with QC and regression testing with QTP.
- Involved manual testing of various test cases and generate analysis report with HP quality center/ HP ALM.
- Used selenium grid to run test cases in multiple browsers and platforms.
- Prepared test data document and involved in generation of bug and test case execution reports