

SANTOSH P KATAGERI

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Profile Summary:

- Overall 1 year and 10 months work experience in IT and DevOps culture with Working knowledge of Microsoft Azure, AWS, Process Automation and hands-on with DevOps tools like Jenkins, Puppet, Kubernetes, Docker and Terraform.
- Certified in python programming for big data analytics and machine learning by Edureka.
- Passionate about learning new concepts/technology online and attending meetups on latest technologies.
- Smart-worker and dedicated person with good communication skills; Adaptive; self-starter.

Education

B.E | 2012-2016 | SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMKURU.

- Completed a major project on building a “Face recognition attendance system” using Python, OpenCV and Raspberry PI.

Skills & Abilities

- **Cloud implementation and Ops:** Amazon AWS, Microsoft Azure.
- **Operating System Administration:** Ubuntu and Windows.
- **Languages:** C, C++, HTML, Python, PowerShell, and Bash/Shell script.
- **DevOps Tools:** Git, Jenkins, Maven, Puppet, Ansible, Terraform, Kubernetes and Docker.
- **Databases:** MySQL, MongoDB.

Experience

ENGINEER | MINDTREE | 3RD OCTOBER 2016 - TILL DATE.

- **Project-1:** DevOps Centre of Excellence (7 December 2016 - 5 September 2017)
 - Worked on creating a complete CI/CD pipeline of java web application by using Jenkins and GitHub, Maven, Jfrog Artifactory and SonarQube.
 - Using tools like puppet, Ansible, and Terraform for infrastructure provision and configuration management in aws and Microsoft Azure.
 - Writing dockerfile and Containerizing two-tier applications (WordPress and MySQL) in Docker environment.

- **Project-2:** IMS Consulting Team (September 2017- Till date)
 - Created a POC on migrating AWS RDS SQL Databases using PowerShell.
 - Setup infrastructure in AWS for a two-tier application using Terraform.
 - Was part of the cloud migration team worked on infrastructure migration from on-prime to Cloud (AWS, AZURE).
 - Infrastructure creation and application deployment using Ansible tower on AWS.
 - Participated in DevOps Hackathon organized by our company where we demonstrated a complete implementation DevOps for Java e-commerce web application.
 - Worked on setting up Kubernetes cluster in the local system using minikube and in AWS using Kops.
 - Working on deploying a multi-tier (Java, Tomcat, and MySQL) application in Kubernetes cluster in AWS.
 - Working on Ansible tower automation for Linux OS patching and middleware patching for JDK, Tomcat, apache patching.
- **Project-3:** Car rental service provider (February 2018 - March 2018)
 - Understanding the architecture in the on-prime data center and understanding the requirement to replicate it in the cloud.
 - Used Ansible to infrastructure setup and application deployment in AWS.
 - Application stack and tools involved: Java, MySQL, Tomcat, Apache, Oracle DB, Cloudformation template, and Ansible tower.
- **Project-4:** Air transport Service provider (May 2018 - Till Date)
 - Understanding the automation possibilities in the daily basis works.
 - Installing and configuring Ansible in the test machines.
 - Writing Ansible roles and playbook for OS patching (RHEL 5, 6, and 7), middleware patching (JDK, Apache, and Tomcat).