

# 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.
- Was 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

**JUNIOR ENGINEER | MINDTREE | 3<sup>RD</sup> 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 manage 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 two tier application using Terraform.
  - Was part of 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 ecommerce web application.
  - Worked on setting up Kubernetes cluster in 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 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).