

# PRUTHVIRAJ SONAVANE

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Skilled DevOps Engineer with 1 year of hands-on experience supporting, automating, and optimizing mission-critical deployments in Microsoft Azure DevOps, leveraging configuration management tools like Ansible, CI/CD, and DevOps processes. Have a great knowledge of infrastructure management tools like terraform, good programming knowledge of Python, Django, Flask, working knowledge of MLOps like build and train ML model using Azure ML services.

## EXPERIENCE

OCT 2019 – PRESENT

### DEVOPS ENGINEER, NEUTRINO TECH SYSTEMS

- Creating new build jobs, Integration testing jobs, and deploy jobs in Azure DevOps to automate the process.
- Used Ansible and Ansible Tower as a Configuration Management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manages change.
- Design and implement fully automated server build management, monitoring, and deployment solutions spanning multiple platforms, tools, and technologies including Azure DevOps, Selenium Testing, Powershell.
- Automation of Server Provisioning and configuration using Docker and Spring Boot.
- Continuous Server and application health monitoring using AppDynamics.

## PROJECTS

### OCTOPUS TO AZURE DEVOPS DB MIGRATION PIPELINE – EVERSANA 2020 – AUGUST 2020

MAY

- **Problem Statement :** Migrate MSSQL Database deployment pipeline to the Azure DevOps.
- **Why Required :** Octopus Deploy does not attempt any Bug Tracking, source control, Build/CI automation. We are facing issues while deploying the Database .dacpac file through the octopus, need to do maximum work manually.
- **Solution :** We build an azure DevOps pipeline, That automates the Build the Dacpac file in the build pipeline, any easily able to deploy the dacpac and extract the database from dacpac on the different environment. Applied best practices on the pipeline to get an efficient result.
- **Outcomes :** Saving time the manual deployment process and dacpac creation. Cost-saving we save USD 35000 per year cost after this pipeline.

## SELF SERVICE PORTAL – EVERSANA

JUNE 2020 – AUGUST 2020

- As part of the Self Service portal Team, I make a Docker API using Spring boot that helps the automate the build and deploy ansible playbooks that help the automate the server configuration on a single click.
- I write a Java spring boot API that helps the Server Provisioning using Terraform and Server Configuration using ansible.
- Also able to do real-time log parsing of docker console while the whole process is executing.
- The main challenge I face is parsing the real-time log while execution in process on ansible-playbook on docker.

## DOG BREED CLASSIFICATION USING MACHINE LEARNING

- I have personal interests in Machine learning I participated in the Kaggle Machine learning challenge and submitted my Dog Breed classification model result.
- Using a machine learning regression algorithm classified Dog Breed.
- Using Tensorflow develop this model.
- Currently, I am working on CI/CD pipeline for machine learning using Kubeflow.

## EDUCATION

**BACHELOR OF ENGINEERING IN COMPUTER SCIENCE, 2019, PUNE UNIVERSITY**

## SKILLS

- **CI/CD Tools:** Azure Devops ,Jenkins [ver. 2.207](#)
- **Configuration Management Tool:** Ansible 2.9.1
- **Infrastructure Provisioning Tool :** Terraform
- **Cloud monitoring tools:** AppDynamics
- **Containerized Tool :** Docker
- **Orchestration Tool:** Kubernetes
- Knowledge of Python scripting
- **Version control systems:** Git, BitBucket, and TFVC.
- Powershell Scripting, Shell Scripting
- **Operating Systems:** Windows, Unix
- **Web Development :** Django,Flask,HTML,CSS, Bootstrap,JS
- **Virtualization Tools :** Vmware, Oracle Virtual Box
- **Development Environments :** vagrant
- **Continuous Testing :** Selenium Testing using java and python.
- **Build Tools:** apache-maven-3.6.2 Artifactory
- **Application Server:** Apache Tomcat Version 9.0.30
- **Python Tools :** Pycharm, Colab, Jupyter notebook
- **Machine Learning :** numpy, pandas, keras, Tensorflow
- **MLops :** KubeFlow, Azure ML services, MLflow

## **CERTIFICATIONS**

- Python Scripting certification from Sysap.
- Certification in AWS security, Identity, and Compliance.
- Certification of Security Fundamentals from Microsoft
- Certification of Master in DevOps from Udemy
- Udemy certificate in A-Z machine learning and data science
- Udemy certification in full-stack developer using Django react react-native.