Himani Pandey
Mobile: +91-9720814471
Email: himanipandy1994@gmail.com
Location: Bangalore Karnataka, India

Technical Skills

- Hands on experience on Python and Groovy scripting
- Experience with Linux/centos OS, VIM editor and Mongo db
- Familiarly with Cloud AWS
- Proficient in developing CI/CD pipelines using groovy/shell scripting
- Experience in Automation tools like Jenkins
- Server automation with Ansible using playbooks
- Hands-on experience of software containerization platforms like Docker and Container orchestration tools like Kubernetes and Docker swarm
- Good Hands-on knowledge of Source Code Management tools like Git

Work History

2.5 years of working experience in Terralogic Inc. as a Software Engineer

Project1: Aug-2020 to till Present
Client : ThoughtSpot
Team: QA Infra
Tool: ThoughtSpot Business Intelligence
Tech stack : Jenkins, Groovy, EKS, S3, JIRA, Kubernetes, Linux, Docker, Vim, aws cli

Responsibilities:
- Monitoring, managing and creation of **jenkins pipelines**
- End to end testing of **SaaS infra**
- Internal dev Cluster restore/upgrade on a weekly/daily basis for each new build and to make sure the environment is intact for the testing team to perform the tests on it
- SaaS cluster upgrade, patch testing managed by me for each release
- Reporting bugs on **Jira**
- Creating parameterized jenkins pipeline using groovy to automate manual tasks
- On demand pods and deployment creation for testing the services in SaaS infra

Project 2: March-2019 to July-2020

Team Size : 5

DevOps Tool Used : Git, Jenkins

Tech stack : Python, Mongodb, Vim, Linux

Working Experience in Tools :

Qemu Manager: This tool **simulates** the **Hardware device** by launching the qemu(virtual) instances. Number of qemu to be launched, Product, Image are provided by the user. Which launches the instance by randomly providing the ports and does **ssh/telnet** to the instance's **cli/dip ports**. Later tests the **warrior test cases** inside the instances and at last **shutdown** the instances.

Attendance Tracker: This tool keeps track of Employees attendance status(WFH, WFO, Leave) on a daily basis. Finally Populates the data in the mongodb and displays in the Dashboard.

DevOps Factory: This tool depicts the status of any project based on its component's **KPI**(Key Performance Indicator). **Data is extracted from mongodb, sonarqube API(web scraping) and from the json file.** After updating the performance of each project, we can see the reports in the Dashboard.

Responsibilities:

- Writing **Python scripts**
- Storing response in **Mongodb** and **JSON** file
- **Web scraping** using Python, Beautifulsoup
- **Automating** most of the tasks using **PYTHON** and **REST API's** to reduce manual labor
- Handling reported Issues and Enhancements in **Common tools**
- Using **Python and Selenium, Automated Bus Booking** web page of terralogic and Automated flipkart and amazon websites

Personal Projects: Completed all tasks and managed project from start to finish

Project 1: DevOps Project, CI/CD with Git, Jenkins, Ansible, Docker

- **Cloud**: AWS
- **IDE**: Eclipse
- **Build Tool**: Maven
- **Container**: Docker
- **Source Code Management**: Github
- **Build Script**: Groovy
- **CI**: Jenkins
- **Deployment**: Ansible

Description:

- Java application developed in eclipse.
- Maven is used for the Code Build and generate .jar file.
- Created Dockerfile to containerize the application.
- Code is pushed to Github.
- EC2 instance launched in aws with Java, git, docker, Jenkins, Ansible installed in it. ● 6. Created Jenkins job and integrated with the git branch.
- Deployed the .jar using Ansible machine in the target machines.

Project 2: Smart Trash Monitoring System
Hardware Devices Required : Python, Amazon Web Services, Arduino Uno Microcontroller, Ultrasonic sensor, Bluetooth chip

Pycharm Editor, Arduino IDE

Project Description: This system tells us about the status of trash in trash can. Arduino IDE is used to write the program in python and then this program is uploaded in Microcontroller**.**
Ultrasonic Sensor receives the data from trash and sends the data to the Arduino uno. It acts according to the program fetched in it and gives the signal to LED or to the mobile application via bluetooth chip.

Internship: Search Engine Optimization
Duration : Aug 2017-Feb 2018
Tools Used : Keyword Planner, Search Console, semrush
Description : Implemented SEO on a website 'www.outsourceimageediting' to get the website on the top of the google search.

Language Skills: French: Beginner Level

Educational Details

Qualification: B.Tech (Electrical Engineering) B.T.K.I.T. Uttarakhand
Institution/Board/University: Uttarakhand Technical University
Percentage 74.42 %
Year of Graduation: 2013-2017
Intermediate Uttarakhand Board 2012 with 70.0 %
High School Uttarakhand Board 2010 with 79.2 % .