**Ashwini Balachandra Hegde**

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**Professional Synopsys**

* Seasoned professional with over 13 years of experience, I have a proven track record in Software Development and Test Automation and my expertise spans various domains, including Infrastructure Solutions, SAP and Banking. I am skilled in Python programming, API Development and Shell scripting ensuring proficiency in delivering quality results across diverse projects.
* Proficiency in employing CI/CD practices with Jenkins and github in utilizing Python frameworks like pycharm to optimize development processes.
* Experienced in effectively managing large datasets for Data Analytics using ETL/python scripting, Pandas, and Numpy, with a comprehensive understanding of relational and non-relational databases like MongoDB, Postgres, and Redis.
* Skilled in utilizing containerization technologies such as Docker and Kubernetes.
* Possess a strong knowledge of password management tools like Onepassword and Hashicorp.
* Demonstrating adeptness with cloud technologies including IBMCloud and AWS.
* Exposure to working with Middleware products such as Apache, Tomcat, and WebSphere.
* Expertise in the Linux operating system, Object-oriented programming, and Design Patterns.
* Experienced in extracting, uploading, and testing REST APIs, as well as log handling.
* Familiarity and exposure to tools like Ansible, Splunk, Airflow, ServiceNow, Jeera, and Jenkins.

**Skills**

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| --- | --- |
| Languages | Python, Shell scripting, Ansible |
| Operating Systems | Redhat Linux, Ubuntu, Windows 10, MAC |
| Tools | Github, ServiceNow, Splunk, HPDMA, HPSA, HPOO, Nagios, Jira, Shiny, Jenkins, Postman |
| Databases | Postgre, MongoDB, Redis |
| Miscellaneous | Basic Knowledge of AWS, IBMCloud |

**Professional Experience Details**

**Kyndryl Feb 2020 – July 2023**

A Task Engine which focused on automating the handling of ServiceNow requests. The task Engine polled to ServiceNow for every three minutes duration to pick any ServiceNow Change Requests and the appropriate mentioned Jobs are executed by the task Engine on the Servers mentioned in the Change requests.

* Implementing new features and maintenance of existing ones.
* Work with cross-functional teams on jobs needed to perform on the Change requests, test requirements, test automation, log analysis and deployment.
* Error handling and creating the error analysis reports.
* CI, CD using Jenkins, git, kubernetes.

**SAP Apr 2018 – Feb 2020**

Analysis and Forecasting of capacity usage of the production servers and cost details from many data centers using the data source of Splunk and Zabix logs.

* Fetching the huge data set from tools like Splunk and Zabix APIs.
* Data movement from and to MongoDB and mongo Sharding when needed.
* Jeera request analysis automation.
* Handling huge data sets using python analytics/Data Science modules like Pyspark, Pandas.
* Working on Data Science tools like shiny and PowerBI.

**Wells Fargo India Mar 2014 – Mar 2018**

Middleware Discovery and inventory on production servers and create the attributes for the middleware instances and validate the running instances if they are according to the bank standards. Patching Automation for middleware products Apache and Tomcat.

* Support development/maintenance of the inventory script which is triggered on 60K servers once in a week.
* Standalone automation for various requirements of manual tasks.
* Documentation and bug fixing.
* Continuous support on Existing HP Operation Orchestration projects.

**TCS ( Tata Consultancy Services ) Mar 2010 – Mar 2014**

Infrastructure support and maintenance on Apple iCloud Mail.

* Alert handling and health check of the servers.
* Automate the Manual efforts.
* Firmware patching
* Server patching
* Mail movement testing
* Build the mail servers and configure.
* Mentor the freshers.

**Education**

Bachelor of Engineering (B.E.) in Electronics and Communication.

**College:** JSS Academy of Technical Education, affiliated to Visveswaraiah Technological University

**References available on Request.**