

## VIGNESH BABU M V

Email: [vigneshbabu801@gmail.com](mailto:vigneshbabu801@gmail.com)

Phone: (+91) 95005 50801

### PROFESSIONAL SUMMARY

- 7+ years of hands-on experience in software development and automating business process automation in Infra domain.
- Proficient knowledge on **REST API, Ansible, Python, Windows PowerShell, Node JS, and Angular**
- Have strong knowledge on API testing using **Postman, Insomnia**.
- Performed as **technical lead** in ongoing projects.
- Experiencing in frontend and backend languages, responsive frameworks, databases, and best code practices.
- Poses good knowledge and work experience in **Azure Run book Automation, Grafana, Prometheus**.
- Poses Expertise in – automating **Process Automation** across all tracks.
- Work Effectively in a Team environment and providing knowledge transfer as needed.

### TECHNICAL EXPERTISE

Programming Language	JavaScript, HTML, CSS
Scripting Language	Windows PowerShell, Python
Framework and Libraries	Angular, Node JS
Cloud Automations	Azure Runbook, ServiceNow Orchestration, VMware
DevOps tools	Ansible, Jenkins, GIT, Grafana, Prometheus

### EMPLOYER SUMMARY

Organization	Designation	Duration
Tech Mahindra	Associate Team Lead	Sep 2023 – Till Date
HCL Technologies	Automation Specialist	Sep 2017 – Sep 2023

### PROFESSIONAL EXPERIENCE

#### ➤ Credential Rotation:

In credential rotation service, the password will be retrieved from the hashicorp vault for updating the password in the cluster for every 180 days.

- **Technology/ Language:** Ansible

#### ➤ Agent Install & Uninstall for backup and restore software:

Created an ansible playbook for managing the installation and uninstallation of agents for backup and restore software's. The playbook includes tasks to verify the registry values before installation and to deregister the agents from registry after uninstallation.

- **Technology/ Language:** Ansible

- **Kubernetes ETCD Backup and Restore Automation:**  
Implemented a system to take ETCD backups on Kubernetes Supervisor clusters and store them in an NFS shared location. Ensuring data integrity and high availability for Kubernetes control plane configurations.
  - **Technology/ Language:** Python, Shell Script
- **Kubernetes Cluster Certificate Expiry Automation:**  
Monitored certificate expiry across Kubernetes clusters, creating tasks in ServiceNow if thresholds are reached. The system renews certificates automatically and closes tickets upon completion.
  - **Technology/ Language:** Python, ServiceNow API
- **Patching Automation:**  
Created an **ansible playbook** to configure the properties of managed hosts and to patch the packages or applications into the managed hosts etc.
  - **Technology/ Language:** Ansible
- **Cisco Backup Automation:**  
Automating the backup on multiple network devices. It fetches the active configuration of network device.
  - **Technology/ Language:** Python
- **Azure Active/Inactive License:**  
Using Graph API, it will fetch all license details associated to the tenant. Also, categories the details as active, consumed, warning, and unutilized and submit them to the appropriate team for action.
  - **Technology/ Language:** Python
- **Oracle Backup Automation:**  
Scheduled Python script to make a backup of the data on the Oracle database for recovery. Email is used to notify both success and failure.
  - **Technology/ Language:** Python
- **Azure Runbook Automation**  
Created an **azure runbook** to automate the azure business processes. i.e., Provisioning/Deprovisioning the azure resources and manage the azure active directory operations.
  - **Technology/ Language:** Azure Automation, Windows PowerShell
- **Business Process Automation**  
Process automation uses technology to automate complex business process. It has three functions automating process, centralizing information's, reducing the requirement for input from people. Some of the automated process which I have implemented are User Onboarding, Offboarding, Provisioning, Backup and restoration, email notifications, Admin access Provisioning, Helpdesk support etc. **Using the Jenkins pipeline**, deployed the automated scripts to the servers.
  - **Technology/ Language:** Angular, NodeJS, MYSQL, PowerShell, Jenkins Pipeline
- **Cloud Inventory Automation:**  
Created a various dashboard to automate the report generation from azure environment. In this dashboard, we are getting the reports of Azure services, Azure Server states etc. Cloud Automation dashboard will be used by End users. **End users will be authenticated using SSO.**
  - **Technology/ Language:** Angular, NodeJS, MSSQL SSO, PowerShell

➤ **IT-SELF Service Utility:**

IT - Self Service Utility is a desktop application developed for End Users. For every end user this desktop application is available, so that they can find the resolve the issue by themselves. 40+ Automated Solutions are included in this package. In future, more solutions to be added into it. All the Success and failure of the solutions are tracked, and it will show as a Dashboard for the usage of the tool. This desktop application is rolled out over 90,000 machines via SCCM.

- **Technology/Language:** Electron, NodeJS, Windows PowerShell

## PERSONAL PROJECT

**PROJECT:** *SASTAGRAM – Indian Online Shopping Deals and Coupons*

**URL:** <https://sastagram.in/>

**Project Description:**

A platform to find the latest deals and coupons from Indian shopping sites like Flipkart, Amazon, Paytm, and Myntra. Available on WhatsApp and Telegram for deal notifications.

## EDUCATION

**UNDERGRADUATE:**

DEGREE	INSITUTION	UNIVERSITY	YEAR	AGGREGATE
B.E (ECE)	St. Michael College of Eng.& Tech	Anna University	2016	76%

**SCHOOLING:**

DEGREE	INSITUTION	UNIVERSITY	YEAR	AGGREGATE
12 <sup>th</sup>	Katie Wilcox Matric HSS	State	2012	79%
10 <sup>th</sup>	Katie Wilcox Matric HSS	State	2010	86%