

# Parth Patel

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Executive Summary Passionate Software Development Engineer with 3 plus years of experience with the following expertise:

- Worked on technologies like **JavaScript, vSphere web client, NSX, OpenStack, Python** and **Automation Frameworks** like “**vRealize Orchestrator(vRO)**”, **vRA** and “**Robot framework**”.
- Worked on automation framework vRealize Orchestrator framework with sound knowledge of **vCenter(vSphere web client)** and all the dell storages (**vmax, xtremio, unity**).
- Worked on automation framework Robot Framework which uses “**Python**” for automation and ran those automation testcases on “OpenStack” and “AWS” platform.
- Worked on “**ServiceNow**” Nutanix calm UI. To provide UI features in servicenow.
- In NTT I am working for their product “**Nucleus**” for **VMware Automation** and here my job is to create workflows for automating vCenter operations using **vRealize Orchestrator tool(vRO)**, **vRA Blueprint and Javascript** as programming language. These workflows are called by their product Nucleus catalog for performing various functionality into vCenter like Provisioning/Decommissioning a VM, Applying Customization spec, Joining the VM to domain, DNS entry, Installing agents to that VM like Truesight Automox and Puppet. For these we have used Powershell scripting for Windows OS and bash scripting for Linux OS.

## Technical Expertise

Domain	<b>Virtualization, Networking, VMware Automation</b>
Scripting	<b>JavaScript, Powershell, Bash</b>
Programming Language	<b>Python</b>
Framework	<b>Robot, Openstack, vRO, vRA, ServiceNow, NSX</b>

## Professional Experience

Calsoft

Project: Gigamon_orch_automation and Nutanix Calm	
Client Name: Gigamon	Period: Dec 2020 – Jan 2022
Role: Developer	Team Size:13
<b>Project Description:</b> Gigamon had their applications like Dedup, Slicing, Masking which manipulated the traffic in such a way that the duplicate packets got dropped and packets can be sliced and masked using their apps and we wrote and tested these functionalities using robot framework testcases on OpenStack and AWS.	
<b>Responsibilities:</b> 1) Functionality testing 2) Writing the testcases in robot framework for their feature apps like dedup, slicing, masking, and flowmapping. 3) Worked on “servicenow” Nutanix Calm UI. To provide UI features in service now.	
<b>Platform: Linux</b>	
<b>Technologies Used: Openstack, ServiceNow, Robot Framework, Python</b>	

Project: Dell Autobots	
Client Name: Dell	Period: Oct 2019 – Oct 2020
Role: Developer	Team Size:7
<b>Project Description:</b> The project needed to create workflows to automate operations on VXBLOCK 1000.	
<b>Responsibilities:</b> 1) Creating workflows for automating vSphere web client features like Cluster, Host, Datastore, Luns creation in the automation tool <b>vRealize orchestrator (vRO)</b> and <b>vRealize Automation (vRA)</b> provisioning VM blueprints and publishing catalogs. The tasks also involved dealing with Dell storages like <b>vmax, xtremio, unity</b> and <b>NSX-V / NSX-T</b> for networking.	
<b>Platform: Windows, Linux</b>	
<b>Technologies Used: Java Script, vRO, VMware, vCenter, Dell EMC Storages vmax, xtremIO, Unity, NSX-V, NSX-T, vRA, VMware Automation</b>	

Project: Nucleus	
Client Name: Nucleus Offshore Team	Period: Jan 2022 - Current
Role: Systems Integration Specialist	Team Size:10
<b>Project Description:</b> The project needed to create workflows to automate operations of vCenter for provisioning and decommissioning of VMs.	
<b>Responsibilities:</b> <ol style="list-style-type: none"> <li>1) Creating workflows for automating vSphere web client features like Provisioning VM, Decommission VM in the automation tool vRealize Orchestrator. The tasks also involved dealing with tools like Truesight, Puppet for monitoring.</li> <li>2) I am working for their product “Nucleus” and here my job is to create workflows for automating vCenter operations using <b>vRealize Orchestrator tool(vRO), vRealize Automation(vRA) and Javascript</b> as programming language. These workflows are called by their product Nucleus Catalogs/Workflows for performing various functionality into vCenter like Provisioning/Decommission a VM, Applying Customization spec, Joining the VM to domain, DNS entry, Installing agents to that VM like Truesight, Automox and Puppet. For these we have used Powershell scripting for Windows OS and bash scripting for Linux OS.</li> <li>3) Developed different vCenter related use cases by utilizing vRO and PowerCLI functionality for all the vCenters in the environment.</li> <li>4) Developed and configured the VMware Automated solution to different customer environments with complete testing.</li> </ol>	
<b>Platform: Windows, Linux</b>	
<b>Technologies Used: vRO, vRA, Java Script, Powershell, Bash, VMWare, vCenter, VMware Automation</b>	

Degree/ Course	University/ Institute	Graduation / Completion Year
B.Tech in Computer Science	Alliance University	2015-2019