# Inderjeet Singh Khalsa ⭐ Featured

DevOps, Platform automation, CI/CD , Kubernetes, Docker, AWS, Powershell, Python, Batch , WSH VB script , Ansible-Tower,vRA , vRO , AWX,Configuration Mgmt,Build Mgmt,Change mgmt,Unix,SQL,Shell Scripting, plsql,GIT.

Current Designation: **Associate Consultant**

Current Company: **Northern Trust Operating Services**

Current Location: **Pune**

Pref. Location: **Pune**

Functional Area: **IT Software - Application Programming / Maintenance**

Role: **Software Developer**

Industry: **IT-Software/Software Services**

Marital Status: **Single/unmarried**

Key Skills: sql,linux, jira, stash, bamboo, git, ansible, aws,docker,powershell,unix,sql,linux, shell scripting, plsql, shell programming, jira, stash, bamboo, git, ansible, aws,docker,orchestration,powershell

**Verified :**      **Phone Number |**      **Email - id**

Total Experience: **7 Year(s) 0 Month(s)**

Notice Period: **2 Months**

Highest Degree: **B.Tech/B.E. [Information Technology]**

Last Active: **10-Sep-20**      Last Modified: **10-Sep-20**

# Summary

Platform automation & DevOps Engineer with over 7 years of versatile experience in Infrastructure automation, DevOps, Build & Release engineering, IT Monitoring, business and systems analysis, installation and configuration projects. Experience in directing projects from inception to execution including project team interaction, code packaging and successful deployment. Expert in managing technical support operations, diligently troubleshooting issues to identify root causes and prevent recurrence in PROD/UAT/QA environment

# Work Experience

**Northern Trust Operating Services** as Associate Consultant
Oct 2017 to Till Date

Role: Infrastructure Automation Engineer

*    Defined and Implemented efficient end-to-end provisioning Automation solutions using vRealize Orchestrator & Automation
*    Had been responsible for designing, creating, maintaining and continually improving orchestrated workflow to automate IT processes throughout the enterprise.
*    Had developed projects for teams from Middleware, Database, UNIX and Windows engineering group using vRA/vRO & AWX Orchestrators.
*    Collaborated with SME, analyst, designers and clients to develop automation solutions for providing self service capabilities for our clients to simplify IT.
*    Leveraged Ansible tower & Ansible combination for projects with explicit requirement of provisioning and configuration on large number of UNIX machines (1000+ VMs), to automate repetitive tasks.
*    Developed wrapper shell scripts for support team to monitor a Java based project also for build conduct and management support.
*    Served as a SME for automation and orchestration. Also, supported the existing Automation Workflow, provisioning scripts.
*    Authored automated solutions in Powershell for several windows based machines.
*    Also acquainted with batch and WSH vbscript for automation on windows machines.
*    Developed several microservices for installation of software/tools post VM build in vRealize Orchestrator.
*    Lead the team in documentation creation from nil to an extensive list of documents for various process carried out within the team.
*    Independently designed, developed and delivered SharePoint sites and Web Part Forms

**Accenture** as Senior Software Engineer
May 2013 to Oct 2017

1. Accenture - SEZ Park, Hinjewadi Phase-1, Pune      Jan 2017- Present
Senior Software Engineer
Project: Cox
Client: Cox communications

Deployment & Configuration Management
Handling Ansible Playbooks. Maintaining configuration information for various Cox systems.
Creating Ansible-playbooks for additional functionality coming up in system.
Deploying of packages in DEV/QA environment.
Debugging/ troubleshooting the errors while deployment of packages.
Using GIT to add-commit-merge the changes in various Ansible and code Repos.
Using Gradle to build the packages out of code.
Shell scripting to automate the Configuration changes.

Atlassian Tool
Administrating various Atlassian tools like Jira, Bamboo, Stash, Confluence, Crowd.
Maintain users, groups, scheme, roles, Permission in Jira tool.
Maintain Repos in Stash and creation of packages through Bamboo tool.
Creation/Updating/Deletion of users through Crowd.
Bamboo plan creation and automating deployment in Ansible server.

2. Accenture - Infinity Park, Malad (East) Mumbai      May 2013- Dec 2016
Software Engineer
Project: Atlas Run
Client: BNP Paribas

Project Planning
Managing requirement gathering, system analysis and finalising of technical/functional specifications.
Managing Unix Environment allocation for APAC (Asia - Pacific) region after understanding the activities needed for the
project.
After allocation making the allocated environment as per production, this may involve Component refresh, Mount creation,
File system creation, space management, Database creation, Data restoration etc.
Cooperating & communicating with other team members for efficient work.
Managing smooth implementation and testing of project at client location.
Providing implementation as well as implementation support to production team.
Creation of documents useful for Project deployment in production like release document, rollback plan and
implementation plan.
Maintaining good relation with end Users.

Technical

Running and scheduling batches (EOD, EOM, supplementary, unloading and loading in DEV/UAT testing.
Analysing aborts and errors during the batch run hence advising project team with possible root cause.
Refreshing BO reports from the loaded database
Created shell scripts to minimize manual task or operations.
Successfully Deployed many Financial/Non Financial projects like FATCA.
Helping Production teams with code deployment, and supporting for possible issue during first project live run.

# Education

UG: **B.Tech/B.E. (Information Technology)** from **institute of engineering and technology (davv) indore** in **2013**

# IT Skills

| Skill Name | Version | Last Used | Experience |
|---|---|---|---|
| MYSQL, ORACLE(SQL) / PL-SQL | | 2016 | 3 Year(s) 9 Month(s) |
| Windows XP/ 7 / DOS / Unix / Linux. | | 2020 | 6 Year(s) 1 Month(s) |
| Jira, Stash, Bamboo, Crucible, Crowd | | 2017 | 0 Year(s) 7 Month(s) |

| | | |
|---|---|---|
| Ansible | 2020 | 2 Year(s) 7 Month(s) |
| Shell Scripting | 2020 | 6 Year(s) 6 Month(s) |
| DOCKER | 2020 | 1 Year(s) 0 Month(s) |
| Kubernetes | 2020 | 0 Year(s) 6 Month(s) |
| POWERSHELL | 2017 | 2 Year(s) 5 Month(s) |
| VRO/VRA | 2020 | 2 Year(s) 6 Month(s) |
| Python | 2020 | 2 Year(s) 0 Month(s) |

# Languages Known

| Language | Proficiency | Read | Write | Speak |
|---|---|---|---|---|
| English | Proficient | | | |
| Hindi | Proficient | | | |
| Punjabi | Proficient | | | |

# Projects

Project Title: Infrastructure Automation Engineer
Client: Northern Trust Operating Services
Nature of Employment: Full Time                                        Duration: Oct 2017 - Till Date
                                                                      Onsite / Offsite: Offsite
Project Details:      Defined and Implemented efficient end-to-end provisioning Automation solutions using vRealize Orchestrator & Automation.
    Had been responsible for designing, creating, maintaining and continually improving orchestrated workflow to automate IT processes throughout the enterprise.
    Had developed projects for teams from Middleware, Database, UNIX and Windows engineering group using vRA/vRO & AWX Orchestrators.
    Collaborated with SME, analyst, designers and clients to develop automation solutions for providing self service capabilities for our clients to simplify IT.
    Leveraged Ansible tower & Ansible combination for projects with explicit requirement of provisioning and configuration on large number of UNIX machines (1000+ VMs), to automate repetitive tasks.
    Developed wrapper shell scripts for support team to monitor a Java based project also for build conduct and management support.
    Served as a SME for automation and orchestration. Also, supported the existing Automation W

Project Title: Cox Pune
Client: cox communications
Nature of Employment: Full Time                                        Duration: Jan 2017 - May 2017
Project Location: Pune                                                 Onsite / Offsite: Offsite
Role: Other                                                           Team Size: 6
Skill Used: GIT as Version control Ansible as deployment automation Gradle as a build tool Atlassian tools - Jira, Stash, Bamboo, Confluence etc...
Role Description: DEV-OPS
Project Details: The Cox project comes under Client Managment project. I am working as a part of Devops team, responsible for many tasks like Deploying code using Ansible, controlling code version using git and being as a administrator to atlassian tools.
We are responsible to provide configuration along with deployment of code in Dev and Qa

Project Title: Atlas Run
Client: BNPP
Nature of Employment: Full Time                                        Duration: Sep 2013 - Dec 2016
Project Location: Infinity park, Accenture malad east, Mumbai          Onsite / Offsite: Offsite
Role: Other                                                           Team Size: 12
Skill Used: Unix,SQL,c++, Java, Unix Shell Scripting,
Role Description: I am designated as delivery engineer. What ever components were developed were tested by us. We created technical document if the project was supposed to go in production. Had successfully deployed projects in production( like Fatca)
Project Details: Project involved Atlas tool where EOD, EOM, supplementary were run. After Atlas part info-center loading is done. It involved error debugging and error solving on Atlas part. Atlas part involves cobol components while Info-center involves database(SQL level) issues.

## Affirmative Action

Category: General

Physically Challenged: No

## Work Authorization

Job Type: Permanent

Employment Status: Full time