

Anup Kumar Mishra

DevOps Engineer

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Skilled DevOps Engineer with more than 4.5+ years of hands-on experience supporting, automating, and optimizing mission critical deployments, leveraging configuration management, CI/CD, and DevOps processes.

Skills

- DevOps principles and Culture.
- Python, Bash and PowerShell proficient
- Administrator role for Windows, Virtual Machine (MS 2012 RC) and Linux.
- Continuous Integration using TFS (2013, 2015 and 2018) and Jenkins, Azure DevOps
- Continuous Deployment using TFS, Jenkins and Release Management.
- Containerization using Docker
- Version Control System using GIT, TFVC(TFS)
- Other tools: NPM, Nexus, IIS, SonarQube, TaskTop, Apache, HP ALM, Active directory, JIRA, ANT and Maven
- Deployment on IIS, Tomcat and JBOSS.
- MS SQL Server 2013, SQL Queries (PowerShell Scripts)
- Selenium with Python for test automation.
- Cloud: Knowledge of AWS (EC2, VPC, S3, RDS), Azure
- Migration of On-premise infrastructure to AWS and Azure.

Experience

MARCH 2015 – AUGUST 2015

Trainee

Magic Software Pvt. Ltd., Noida

- Worked on EPUB and EBOOK for ED tech company.
- Worked on HTML and PHP.
- Convert PDF into EPUB and link with audios and upload on magic portal.
- Worked as manual tester.

JANUARY 2016 – SEPTEMBER 2017

DevOps Engineer (Application Development Associate)

Accenture Solutions Pvt. Ltd., Mumbai

- Installation and configuration of Jenkins and TFS on client servers from scratch.
- Create End to End CI pipeline in TFS for Salesforce and Navision code.
- TFS Admin tasks and responsibilities.
 - Install and Configuration of TFS (2013,2015)

- Manage TFS Source control (**TFVC** and **GIT**)
- Implement Check-in policies for QA
- Create work-items and their workflow
- TFS Branching and merging.
- TFS CI Build setups.
- TFS Reporting and dashboard creation.
- CD by using TFS release (**Release management**)
- **TFS Migration** from 2013 to 2015.
- Migrated from TFVC (Team Foundation version control) to GIT for TFS and update the **PowerShell Script** for version controlling.
- Manage TFS build agents and create new whenever required.
- Responsible for **Database build**, release and configuration for MS SQL Server.
- Responsible for nightly and weekly builds for different modules.
- Perform Deployment of Release to various environments till Production by Release management tool.
- Responsible for CI and CD using Jenkins and their plugins.
- Create End to End CI and CD pipeline in Jenkins by using different plugins as per requirement.

OCTOBER 2017 – MARCH 2018

DevOps Engineer (Application Development Analyst)

Accenture GMBH, Frankfurt Germany

- Installation and Configuration of TFS 2013 on client virtual machine (MS 2012 RC) from scratch.
- Setup TFS 2013 collections and team for multiple release.
- Create End to End CI pipeline in TFS for .Net Technologies & components.
- Set up Nexus repository on client virtual machine.
- Create MS Build continuous integration pipeline
- Setup IIS 7.0 deployment environments on VM and open the port by using firewall security.
- Setup NPM package manager.
- Write various PowerShell scripts for Infrastructure as a code for developer machine setup and setting up Playground, FAT, UAT, QA and pre-prod environments.
- Installation and configuration of SonarQube 5.3 version on client virtual machine.
- SonarQube migration from 5.3 to 7.1 version along with Database migration SQL server 2014 to 2016.
- Write various PowerShell and Python scripts SQL Server 2014 tasks (backup, seeding, patch)

MARCH 2018 – APRIL 2019

DevOps Engineer (Application Development Analyst)

Accenture Solutions Pvt. Ltd., Gurugram

- TFS migration from version 2013 to 2015.
- Implement various DevOps tool in project like TaskTop (HP ALM and TFS defect sync), HP ALM and App dynamics.
- Wrote PowerShell scripts to automatically perform TFS Admin tasks (TFS group creation, clone builds, create branch) which saving 70% admin time.

- Take other responsibilities like merging, Branching and deployment process improvement.
- Worked with Infrastructure to provide them support on Citrix and VM related issues.
- Automate many Infrastructure tasks by using PowerShell Scripts.
- Involve with testing team and perform many tasks like integrate UFT with TFS to achieve Continuous Deployment and save 40% time.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.
- Managed GitHub repositories and permissions, including branching and tagging
- Excellent configuration management using Ansible
- Extremely knowledgeable about CI/CIT/CID integration.
- Maintained production applications and managed SOAs and metrics performance.
- Ensured on-time delivery of content
- Work with development team to create new applications, keeping all internal and external stakeholders informed of the progress of the development project

APRIL 2018 – CURRENTLY

Senior DevOps Engineer (Application Development Analyst)

Pine labs Pvt. Ltd. Noida

- Implementing Jenkins for CI CD on JAVA technology.
- Implementing Apache as a web server and Tomcat/JBOSS as an application server.
- Installed and configured Jenkins from scratch, setup the jobs for CI and Implement release for CD for deployment on JBOSS/Tomcat.
- Write PowerShell/Shell Script for both Windows based infrastructure as for Linux base infrastructure.
- Handling team of 3 junior DevOps team.
- Implementing AWS bases architecture and migrate the whole infrastructure from on-premise to AWS.
- Implement AWS EC2, Load Balancing, S3, Scaling up and down for production environments.
- Write PowerShell Script for Database deployment.
- Migrate the on-premise infrastructure to AWS and Azure.
- Implement DevOps on Azure infrastructure and Aws Infrastructure.

Accomplishments

- **A Complete CI-CD Pipeline from Scratch on Jenkins.**

I setup CI-CD Pipeline from Scratch on **Jenkins** for **Java** project. This include setting up Jenkins on local machine till deployment on Tomcat server.

Tool Used: Jenkins, Apache Maven, SonarQube, Apache Tomcat, PowerShell, GIT.

Setup a full DevOps Pipeline from Scratch on one client machine to POC(Proof of concept) and later show it to the client.

- **A GUI-Based Tool using VB-Script**

Developed a tool using VBscript (**.hta extension**) to minimize the work for creating a word document associated with the deployment of applications and copying the deploying components at repository,

- **PowerShell Script to obtain logs from failed deployment targets**

Developed a PowerShell script to zip in all the log files detailing any failure of deployment

- **Automate whole TFS Admin task by using PowerShell**

Write more than 15 PowerShell to automate whole TFS admin tasks like Branch creation, Add users in TFS group, Automate merging, Automate Task Creation, create TFS dashboard for reports.

Education

JULY 2011 - JUNE 2015

Bachelor of Technology

Guru Nanak Dev University, Amritsar

Activities

- Single-handedly led a regional team for proper functionality
- Worked on various automating scripts for team benefits and minimizing workload due to repetitive actions
- Presented team on areas of conflict to resolute the existing issue and conclude on agreeable grounds