



**Maddineni Abhilash**

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## Job Objective

- Having 9+ years of hands-on experience as DevOps Engineer in software configuration & release management, deploying software, automation & control environment management activities in Web-based and mobile applications.

## Summary of Experience

- Strong experience in Microsoft Team Foundation Server (TFS) and Azure DevOps (formally VSTS)
- Ability to set up, configures, and manage application tier and build servers. Administration of version control, Team Build definitions, work items, and security.
- Ability to maintain different Projects with different Organizations in VSTS.
- Ability to set up and maintain CI/CD definitions.
- Having good experience on the Build and release by using stages in Azure DevOps.
- Having experience with the restriction on artifacts what has to be copied and which files have to be skipped as per the application.
- Having expertise with the Work Item types in Azure DevOps.
- Managing the work item types by using rules in the process.
- Good hands-on experience in developing applications using TFS APIs.
- Good experience with Source Control Management tools like Git and TFS.
- Good experience in creating process orient projects and their management in Azure DevOps.
- Good knowledge of TFS, VSTS, and Release Management.
- Ability to adapt to Agile/DevOps methodologies.
- Strong Business & Application analysis skills with time management, communication, and presentation skills.
- Good Experience in .Net applications and Angular JS applications.
- Good Experience in Internet information services (IIS) and its management.
- Good Experience in Routing Applications inside the application which is from UAT and Prod servers.
- Good hands-on experience in developing Build server monitoring and managing tools like Disk space monitor, Server Monitor, Service Monitor, Build Drop Deletion tool, and Automatic disk clean up.
- Good knowledge of object-oriented programming principles.
- Build, maintain, and scale infrastructure for Production, QA, and Dev environments
- Work closely with Development and QA teams to help ensure end-to-end quality
- Maintaining a good quality of Build and release in azure DevOps by cross-checking the status of the builds and their run time.
- Having good knowledge of Ansible and made a few projects automated using Ansible playbooks.

- Good in handling complex customer issues, and providing proper guidance to increase efficiency and reduce customer incidents.
- Giving KT to clients and internal team people and helping them to understand the DevOps methodologies.
- Administrating AWS platform services - create, delete, and update AWS services as per the requests from the Dev team.
- IAM - create, delete, and update users and their permissions.
- Support - Giving support to the Dev team in case any optimization/troubleshooting going on for the performance of the application.
- Design - Involve in the design and development of infrastructure architecture that hosts the applications.
- Failover and Backup - Write cloud-formation templates and back scripts/jobs to take time backup of data and infrastructure.
- Automation and DevOps - Doing a lot of automation for the tasks which are done manually and keep updating them. Working on CI-CD pipelines to provide quick releases.
- Effectively monitor billing and develop cost optimization strategies.
- Launch EC2 instance according to required.
- Modify the resources of instances like CPU, RAM, or Disk as per user requirement
- One-time activity like Architecture designing like creating VPC and regarding parameter such as SG (security group), IGW (Internet Gateway), Route table, etc.
- Bucket creation and managing their permission.
- Understanding of the metrics and monitoring the utilization of AWS resources on a full scale by making use of highly complex Amazon CloudWatch.

## Technical Skills

- Cloud Platforms: Azure, AWS, GCP
- DevOps Tools: Azure DevOps, Jenkins, Terraform, Docker, Ansible.
- OS Family: Windows and Linux Platform.
- Tools: VSTS, IIS, Azure Git Repo, Git Extensions, SQL Server, Backup, and Recovery.
- Database: SQL Server, ORACLE.

## Work Experience:

- Working as Technical Lead at LTIMindtree (formerly Mindtree) from July 2022 to Present
- Worked as Infra Dev Specialist at Cognizant Technology services from August 2021 to July 2022
- Worked as Software Engineer in Atlas systems PVT LTD from March 2015 to August 2021.
- Done Internship with Tibco solutions from Dec 2014 to Feb 24<sup>th</sup>, 2015.

## Education Details:

- 2011 – 2015 Bachelor of Technology (BTech – IT) from VVIT, Namburu - JNTU- Kakinada
- 2009 – 2011 Board of Secondary Education – NRI Academy, Guntur - Andhra Pradesh.
- 2008 – 2009 Board of Primary Education – Oxford Public School, Guntur – Andhra Pradesh.

## Certifications:

- AZ 900 –Microsoft Certified: Azure Fundamentals
- AZ 104 - Microsoft Certified: Azure Administrator Associate
- AZ 400 - Microsoft Certified: DevOps Engineer Expert

## Key Projects Handled

### Project #1:

<b>Client</b>	The Himalaya Drug Company
<b>Role</b>	Sr Release Engineer.

### **Roles & Responsibilities:**

- Created and implemented the agile methodologies to the Himalaya Applications.
- Maintaining more than 80+ applications in-house and Global Applications in different Environments.
- Created the QA and UAT Environments for the Himalaya Applications
- Implemented the VSTS (Visual Studio Team Services) which is cloud-based in the Himalaya Drug Company.
- Divided the applications into multiple organizations based on the nature of work.
- Created the build and release for all the applications based on the environments.
- Created the Auto Build and Release which is **continuous Integration** and **Continuous deployments** for QA and UAT Environments.
- Migrated all the code repositories from TFS to Git Repos.
- Administration of Org's which includes:
  - o User Management which includes adding and deletion of users and their licenses.
  - o Creating Rules based on Projects, alerts, and auditing the Projects.
  - o Customizing the dashboards based on the client's needs and showing them the Boards.
  - o Participating and leading the Developers and QA Team to follow the process.
- Managing the Major release and coordinating with the dev and DBA Team on the release time.
- Creating new projects based on the process.
- Maintain the Application and Source code secure.
- Involving the scrum Meetings and making a clear view of the release.
- Daily check-ups for the Applications as well as servers also.
- Automated a few Projects with Ansible by writing the playbooks in Ansible.
- Working experience on Windows Active Directory
- Maintaining project code in Git, creating branches, resolving Merge conflicts, sending pull requests, and merging branches.
- Setting up CICD of an angular web app to azure.
- Migrated code from TFVC to GIT along with the history.
- Migrated backlogs with all the history.
- Having expertise with the Work Item types in Azure DevOps.
- Managing the work item types by using rules in the process.

### **Additional Responsibilities:**

- Involving the Board Meetings and making a clear view of the release and its effect on release day.
- Suggesting how to handle the CR's in the process.
- Handling the Team and providing the solutions if they are struck with.

### Project #2:

Client	InvestCorp
Role	Sr DevOps Engineer.

#### **Roles & Responsibilities:**

- Creating VM's from VMWare and adding them to the domain.
- Having all the best security policies applied on the web servers IIS and third-party vendor applications
- Created pipelines using Azure DevOps for the CI/CD applications of Dotnet based and angular based
- Created Pipelines to execute MSSQL scripts
- Administration of Org's which includes:
  - User Management which includes adding and deletion of users and their licenses.
  - Creating Rules based on Projects, alerts, and auditing the Projects.
  - Customizing the dashboards based on the client's needs and showing them the Boards.
  - Participating and leading the Developers and QA Team to follow the process.
- Created the build and release application based on the environments.
- Created the Auto Build and Release which is **continuous Integration** and **Continuous deployments** for QA and UAT Environments
- Creating new projects based on the process.
- Maintain the Application and Source code secure.
- Daily check-ups for the Applications as well as servers also.
- Automated a few Projects with Ansible by writing the playbooks in Ansible.
- Working experience on Windows Active Directory
- Maintaining project code in Git, creating branches, resolving Merge conflicts, sending pull requests, and merging branches.
- Having expertise with the Work Item types in Azure DevOps.
- Managing the work item types by using rules in the process.

### Project #3:

Client	Stone River, Inc.
Role	Software Engineer

#### **Roles & Responsibilities:**

- Maintained the agile methodologies of RegEd Applications.
- Maintaining more than 15+ applications in-house and Global Applications in different Environments.
- Created the QA and UAT, PROD, and batch Environments for the Applications
- Migrated from TFS which is on-premises to cloud VSTS.
- Implemented the VSTS (Visual Studio Team Services) which is cloud-based
- Divided the applications into multiple organizations based on the nature of work.
- Created the build and release for all the applications based on the environments.

- Created the Auto Build and Release which is **continuous Integration** and **Continuous deployments** for QA and UAT Environments.
- Migrated all the code repositories from TFS to Git Repos.
- Administration of Org's which includes:
  - o User Management which includes adding and deletion of users and their licenses.
  - o Creating Rules based on Projects, alerts, and auditing the Projects.
  - o Customizing the dashboards based on the client's needs and showing them the Boards.
  - o Participating and leading the Developers and QA Team to follow the process.
- Managing the Major release and coordinating with the dev and DBA Team on the release time.
- Creating new projects based on the process.
- Maintain the Application and Source code secure.
- Involving the scrum Meetings and making a clear view of the release.
- Daily check-ups for the Applications as well as servers also.
- Automated a few Projects with Ansible by writing the playbooks in Ansible.
- Working experience on Windows Active Directory
- Migrated code from TFVC to GIT along with the history.
- Migrated backlogs with all the history.
- Following with the team to follow the best practices to maintain the code and JIRA Tickets.

#### **Additional Roles and Responsibilities handled a part from DevOps.**

- Maintaining the **Atlas Systems PVT LTD** Infra-related things as **System Admin** which include tasks like,
  - o AD User/Group Creation
  - o Email Creation
  - o Access Card
  - o OS installation and related issues.
  - o Assets handling like Allotment and De-allotment.
  - o Checking the network Speed and monitoring using PRTG.
  - o Backup and restore of emails and Data and etc,

**Place: Hyderabad.**

**Abhilash Maddineni**