Vijay Kumar

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Expertise Summary

* Having around **6.8 years** of IT work experience **on Azure DevOps** ,**AWS and Microsoft Azure.**
* Good exposure of agile methodology in designing and implementation of Continuous Integration and Delivery (CI/CD).
* Good working knowledge on **GIT** and **Azure DevOps**.
* Good understanding on Azure App Services, Virtual Machines, Storage Accounts, Azure Active Directory, Virtual Networks, Security, SQL Server, API Management, Azure Key Vault, Azure Service Bus, Azure CDN, ADF, Redis Cache, Docker, Kubernetes and Application Insights.
* Expertise in Build and Release deployments.
* Experience on Code Analysis/Security tool **SonarQube**.
* Good understanding in Azure Recovery Services, Migration and Azure Backup.
* Configuring and Monitoring Azure SQL Database.
* Very strong experience in **Terraform** modules and provisioning the infrastructure using **Terraform.**
* Good experience in **Yaml** Pipelines from the scratch
* Worked on escalated tasks related to interconnectivity issues and complex cloud-based identity management and user authentication, service interruptions with Virtual Machines.
* Responsible to manage services and capabilities as per the running Infrastructure.
* Managing & Monitoring Audit logs in Azure.
* Managed environments DEV, QA, ATM, Perf, INT and PROD for various releases and designed instance.
* Provided 24/7 support and involved in on-call support.
* Good Interpersonal Skills, team-working attitude, takes initiatives and very proactive in solving problems and providing best solutions.
* Experienced in **Test case Preparation, Test plan** and **Test Strategy** documents**.**
* Exposure to all stages of **SDLC**, **STLC** and **Defect Life Cycle**.
* Performed **bug reporting** and **Bug-tracking** using defect management tool **AZURE DevOps**.
* Experienced in Smoke Testing, Sanity Testing, Functional Testing, end-to-end testing, Retesting, and Regression Testing.
* Experience with different Test Methodologies including **Waterfall** and **Agile**.

**Professional Experience:**

Worked as a **DevOps engineer** for **Orion Innovation** from **May 2021 to June 2024**.

Worked as a **Assistant Technical Officer** for **Interglobe aviation limited** from **September 2017** to **April 2021.**

Worked as a **Technical Assistant** for **Flytech Aviation Academy** from **May 2015** to **September 2017.**

Worked as **On Job Trainee** for **Taneja Aerospace and Aviation Limited** from **December 2013** to **June 2014.**

Worked as a **Assistant Professor** for **Vignan Institute of Technology and Aeronautical Engineering** from **September 2012** to **August 2013**

# **Technical Skills**

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| --- | --- |
| Version Control Tool | GitHub and GitLab, Git |
| Operating Systems | Linux and Windows |
| Scripting Language | Shell Scripting |
| Build Tools | Maven |
| Application Server | Apache Tomcat |
| Artifactory Repos | Nexus |
| Source Code Quality Mgt Tool | SonarQube |
| Continuous Integration Tools | Jenkins |
| Cloud Environment | Azure,AWS |
| Infrastructure Management | Terraform |
| Bug Tracking Tool | Azure Dev Ops |
| Containerization Tool | Docker |
| Container Orchestration Tool | Kubernetes |

# **Educational Qualification:**

* Pursued bachelor’s degree from Vignan Institute of Technology and Aeronautical Engineering in 2012.

**Projects:**

**Project: Unagi, Dbase,**

**Role**: DevOps Engineer

**Tools &Technologies**: Git, Jenkins, Maven, GitHub, AWS, Azure, Linux, Shell Scripting, Docker, Kubernetes, terraform.

**Responsibilities:**

* Daily attending scrum meetings with the project teams to understand and gather the requirements
* Getting all the required DevOps tasks from frontend and backend teams from their PBI’s in each and every sprint.
* Attending each sprint retrospective meetings to understand the backlogs in the previous sprint and the new requirements for the new sprint.
* Monitoring and managing daily builds, SonarQube and pull requests.
* Created and managed branches and repositories.
* Involved in deployments using Azure Portal, ARM Templates and PowerShell commands.
* Deploy and manage the Azure Services –Azure App Service, Virtual Machines, Storage, Azure Active Directory, Virtual Networks, Security, SQL Server, Cosmos DB, API Management, Azure Key Vault, Azure Service Bus, Azure CDN, Redis Cache and Application Insights.
* Integrated SonarQube for static code analysis.
* Understand and follow the Agile methodology
* Continuous Integration and Continuous Deployments using VSTS
* Involved in monitoring the process and making daily reports on performance of process
* Integrated the release process and automated the test suite after the deployments.
* Design and implement continuous delivery pipelines that serve the purpose of provisioning and operating client test as well as production environments.

**Projects: DC assist, Smart stream**

**Role**: DevOps Engineer

**Tools &Technologies**: Git , Jenkins, Maven, GitHub, AWS ,Azure, Linux, Shell Scripting, Docker, Kubernetes, terraform.

**Responsibilities:**

* Automate the platform provisioning process to enhance DevOps culture in development teams.
* Oversee continuous delivery and integration pipelines to maximize productivity.
* Implement, maintain and support the platform services associated to the CI/CD pipelines.
* Configure monitoring and alerting systems for the applications and platform-services.
* Monitor site stability and performance and troubleshoot platform issues.
* Involved in deployments using Azure Portal, ARM Templates and PowerShell commands.
* Created ARM templates to reuse similar deployment with some standard configurations and naming convention.
* Continuous Integration and Continuous Deployments using VSTS tool.
* Integrated the release process and automated the test suite after the deployments.
* Proactively resolve the error message with root cause analysis and following it up till the issue is closed.
* Provide access of Azure resources to users upon request/approvals from senior management
* Preparing the recovery services vault.
* Managed Azure Recovery Services, Migration and Azure Backup
* Deploy and manage the Azure Services like Virtual Machines, Web Apps, Storage Accounts, Azure Active Directory, Virtual Networks and Application Insights.

I hereby declare that the above furnished information is true to the best of my knowledge.