

# ABDUL RAHMAN SAYYAD

DevOps Engineer

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## SUMMARY

DevOps Engineer with 4+ years of hands-on experience in the IT Sector, specializing in cloud technologies, particularly Azure and AWS platforms. Proficient in utilizing a wide range of DevOps tools, including Git, GitHub, Azure DevOps, Terraform, Ansible, Docker, Kubernetes, Jenkins, GitLab, Bitbucket, and GitHub Actions, to automate and streamline development processes. Strong expertise in building and managing scalable CI/CD pipelines in Azure DevOps, backed by a deep understanding of Infrastructure as Code (IaC). Demonstrated skill in streamlining development processes to boost efficiency and collaboration in diverse, cross-functional teams. Dedicated to continual learning and keeping abreast of the latest trends in DevOps and cloud technologies.

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## WORK EXPERIENCE

**DevOps Engineer, CNN ITech global solutions**

**Dec 2023 - Present**

### Telecom Project

- Led the development of efficient Terraform configurations to convert existing infrastructure into a scalable, automated setup on Azure.
- Implemented Azure Repos for storing Terraform code, enhancing collaboration among team members and ensuring effective version control and traceability of changes.
- Developed Azure Pipelines to automate infrastructure deployment and management, resulting in significantly reduced deployment times and enhanced accuracy through automated planning and validation.
- Ensured secure and reliable state management by implementing best practices for naming conventions and storing the Terraform state file in an Azure Storage container.
- Developed and implemented standardized procedures across Non-Production, Production, and Disaster Recovery environments, achieving substantial reductions in setup time and ensuring consistency.
- Created comprehensive documentation and conducted training sessions for team members, enabling a smooth transition to the Infrastructure as Code (IaC) model and fostering ongoing operational efficiency.
- Worked collaboratively with cross-functional teams to gather requirements and incorporate feedback, ensuring that solutions aligned with business objectives and stakeholder needs.

### Migration Project

- Successfully led the migration of Team Foundation Server (TFS) to Azure DevOps Services, making our development workflows smoother and boosting productivity across the team.
- Created an automation script and migration pipeline that cut our transition time in half, reducing the need for manual work and making the process much more efficient.
- Developed a dedicated migration pipeline that streamlined the entire process, simplifying log tracking and making it easier for the team to manage the transition.
- Ensured a smooth transition with zero data loss, so our project history and configurations remained intact throughout the move.
- Migrated our deployment pipelines from Octopus Deploy to Azure Pipelines, ensuring that all our repositories were set up correctly for consistent and reliable deployments.
- Configured all environments with the right settings, which improved our deployment accuracy and overall performance in Azure DevOps.
- Documented all processes and best practices in the Azure DevOps wiki, providing clear guidelines for the team and ensuring knowledge sharing for future reference.

**Associate DevOps Consultant , Celebal Technologies**

**Jan 2022 - Nov 2023**

- Configuring, managing, and maintaining cloud infrastructure and services on Azure.
- Automated provisioning of development, test, and production environments using Terraform, reducing setup and maintenance time by 80%.

- Designed, built, and optimized CI/CD pipelines using Azure Pipelines for cloud-based applications, boosting deployment frequency and reducing the time to deploy new features by 50%.
- Developed Ansible playbooks to automate DBaaS deployment for PostgreSQL and MySQL on Azure, reducing provisioning time by 60%.
- Managed Docker and Kubernetes deployments, and built CI/CD pipelines for AKS, ACI, Terraform, and ARM templates, streamlining deployments.
- Created and managed ARM templates for deploying infrastructure in the Azure Cloud, ensuring efficient and consistent provisioning.
- Automated build and deployment processes using Azure DevOps pipelines and implemented branching strategies to streamline development workflows.
- Integrated security best practices in CI/CD pipelines, including approvals and role-based access controls, to enhance security and compliance.

## DevOps Support Engineer III, Amazon Development Center. (DIO)

May 2021 - Jan 2022

### Datapath India Operations (DIO)

- Collaborated with the Datapath Gateway team on the PD21 project, providing support for scaling and descaling activities, and effectively creating and monitoring Apollo environments while updating code changes in production.
- Set up new environments from scratch by creating new wiki dashboards and environments in Apollo, reducing the time and effort required for these tasks by approximately 50%.
- Developed various types of MCMs (Managed Change Management) to update Apollo environments with new hosts and configurations, resulting in a 40% reduction in the time required for these changes.
- Conducted code and infrastructure reviews to ensure high-quality software and infrastructure, resulting in a significant reduction in the number of production issues.
- Demonstrated knowledge of hardware ordering and post- MCM execution tasks, including LPT changes, wiki updates, and activation of alarms for new host classes and VIPs.
- I worked on several projects, including PD2021, IN PD2021, Graviton Migration, Q4 Peak, and Project Enfield, where I collaborated with cross-functional teams and stakeholders to drive successful outcomes.

## PROFESSIONAL SKILLS

• Git	• Azure DevOps	• Terraform	• SonarQube	• Azure
• GitHub	• GitHub Actions	• Ansible ARM	• Jfrog	• AWS
• BitBucket	• Jenkins	• Templates	• Docker	• Shell
• GitLab	• CI/CD	• CloudFormation	• Kubernetes	Scripting

## EDUCATION

Lovely Professional University - Phagwara, Punjab

2017 - 2021

B-Tech Computer Science Engineering - CGPA: 6.69

Vasavi Junior College - Narasaraopet, Andhra Pradesh

2015 - 2017

Class - XII - 94.7 %

GK Public High School - Machavaram, Andhra Pradesh

2015

Class - X - CGPA: 9.7

## CERTIFICATES ACHIEVED

• Microsoft Certified Azure Administrator.	2022
• Microsoft Certified Azure DevOps Engineer Expert.	2022

## LANGUAGES

- English
- Telugu
- Hindi
- Urdu