

# Dnyaneshwar Gawate

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## Professional Summary

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As an enthusiastic candidate, I am looking for **DevOps Engineer** and **AWS/AZURE Cloud Engineer** role. I excel in both collaborative team settings and as an independent contributor, possessing a strong drive for **innovation**, **problem-solving**, and experience in **automation** and **troubleshooting**.

## Experience

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### DevOps Intern

**Organization: Blue Benz Digitization**

- Duration: 10 March 2025 – 10 June 2025 (3 Months)
- Technologies: AWS, Azure DevOps, Linux, IIS Web Server.
- Configured self-hosted agents for internal staging deployments and integrated version control with Azure Repos.
- Designed and implemented Azure DevOps YAML pipelines to automate build, test, and deployment processes for .NET-based web applications.
- Automated environment setup and artifact management to streamline release cycles and minimize manual intervention.
- Deployed applications to Windows Server environments using IIS, ensuring smooth and repeatable deployment workflows.
- Configured and managed IIS, including application pools, site bindings, and deployment settings to support production-ready environments.
- Detect and troubleshoot pipeline issues, ensuring continuous integration and delivery with minimal downtime.

### IT Support

- Technologies: Windows Server, Active Directory, Firewall, Antivirus Software, Domain Controller.
- Created and managed user accounts within a domain using Active Directory for secure access and role-based control.
- Installed and configured antivirus software on newly provisioned systems to ensure endpoint protection.
- Set up and configured new PCs including OS installation, joining domain, and applying group policies.
- Performed basic firewall configurations and troubleshooting to maintain network security and service accessibility.
- Provided technical support and resolved system issues, improving user productivity and minimizing downtime.

## Projects

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### Project 1:- End-to-End CI/CD Pipeline for .NET Application on Azure with IIS

- Technologies: Azure DevOps (YAML Pipelines), IIS, Windows Server, Azure Repos, PowerShell, Git, .NET Core
- Built and deployed a .NET web application using a fully automated Azure DevOps pipeline, integrating source control, build automation, testing, and deployment to a Windows Server using IIS.
- Configured a self-hosted agent on an internal Windows Server VM for secure deployment.
- Designed and implemented a YAML-based pipeline for:
  - Building the .NET solution
  - Running unit tests
  - Publishing artifacts

- Deploying to IIS via PowerShell scripts
- Managed application pool configuration, bindings, and site setup on IIS through automation.
- Enabled automated rollback on deployment failures using conditional steps.
- Integrated Azure Repos with pipeline triggers for continuous deployment on code push.
- Reduced manual deployment time by over 80% and improved deployment consistency.

### **Project 2:- CI/CD Pipeline for AWS ECS Deployment**

- Technologies: GitHub Actions, Docker, AWS ECR/ECS, AWS IAM, Python.
- Designed and executed a GitHub Actions CI/CD pipeline to automate the deployment of a web application to AWS ECS.
- Configured Docker multi-stage builds to optimize image creation and published images to Amazon ECR.
- Streamlined ECS service updates by automating task definition revisions and deployments.
- Orchestrated end-to-end integration testing workflows to ensure deployment stability.
- Implemented a failure-aware rollback mechanism for seamless recovery from deployment failures.
- Provisioned and managed AWS infrastructure, including ECS clusters, ECR repositories, IAM policies, and task definitions.
- Ensured high availability and scalability of the deployment architecture.

### **Project 3:- Streamlined Django Deployment**

- Technologies: Linux, Git, GitHub, Docker, Azure CI/CD, Grafana.
- Deployed a scalable and robust Django application using Docker for containerization.
- Developed a CI/CD pipeline using Azure DevOps to automate testing and deployment processes.
- Managed version control and collaboration efficiently with Git and GitHub.
- Implemented Grafana for real-time application monitoring and performance visualization.
- Ensured code integrity and system reliability through regular updates, performance optimization, and testing.

### **Project 4:- Revolutionizing Deployment**

- Technologies: Jenkins, Groovy, CI/CD Pipelines.
- Automated deployment of a 2-tier application utilizing a declarative pipeline in the Jenkinsfile.
- Designed the pipeline to automate the end-to-end deployment process.
- Achieved a 70% reduction in deployment time, enabling more frequent and reliable releases.

## **Technical Skills**

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- **Operating Systems** : Linux, Windows 10.
- **Source Control Management (SCM)** : Git, GitHub, Azure Repos.
- **Container Management Tools** : Docker.
- **Container Orchestration** : Kubernetes.
- **Package Management** : Helm.
- **CI/CD Tools** : Jenkins, GitHub Actions, Azure DevOps.
- **Monitoring Tools** : Grafana, Prometheus.
- **Scripting Language** : Python, Bash, PowerShell.
- **Process Managers** : PM2.
- **Web Servers** : Apache2, IIS.
- **Cloud Technologies** :
  - **AWS**: IAM, EC2, ECR, ECS, S3, Load Balancing, Auto Scaling.
  - **Azure**: Azure CI/CD, Resource Group, Virtual Network, Virtual Machine, Storage Account, App Service, Load Balancing.
- **Basic Networking** : Understanding of IP addressing and subnetting.

## Soft Skills

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- Problem-Solving
- Communication
- Adaptability
- Time Management
- Attention to Detail
- Leadership

## Relevant Coursework

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- Version Control Systems
- Cloud Computing
- Networking and Security
- Containerization
- CI/CD Pipelines
- Monitoring and Logging
- Infrastructure as Code
- Automation

## Education

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### Swami Ramanand Teerth Marathwada University Nanded.

- Specialization : Master of Computer Application (MCA) - 01/2021 – 04/2024
- Percentage: 73.59%

### Dr. Babasaheb Ambedkar Marathwada University Aurangabad.

- Bachelor of Computer Science (BCS) - 07/2018 – 01/2021
- Percentage: 73.03%

## Interests

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- **Hiking and Travel** : Enjoying outdoor activities and exploring new places during free time.
- **Technology Trends** : Staying updated with the latest developments in cloud computing, DevOps practices, and containerization.