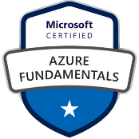
[](https://www.youracclaim.com/badges/aae5de4c-010f-42ec-b3ac-7f02e5421883/public_url)[](https://www.youracclaim.com/badges/83c6146b-5cfd-4cc9-a3ea-903d699d5d13/public_url)[](https://www.credly.com/badges/2dbd3d66-05f6-4e9d-8b4b-0b179ed81ee7/public_url)

Deepak **Raghuwanshi**

Cloud Lead DevOps & Infrastructure Automation Engineer

: [9425045390](tel://9425045390/) | [RAGHUWANSHIDEEPAK79.DR@GMAIL.COM](mailto:RAGHUWANSHIDEEPAK79.DR@GMAIL.COM)|

[](https://api.whatsapp.com/send?phone=919425045390&text=Hi%20%20Deepak%20%20:))[](https://www.linkedin.com/in/deepak-raghuwanshi-b64641140/)[](mailto:raghuwanshideepak79.dr@gmail.com?subject=Deepak%20Raghuwanshi's%20Resume%20|%20DevOps%20|%20Automation%20)

**PROFESSIONAL SKILLSET**

**PROFESSIONAL SUMMARY**

Passionate technical professional and contributor with over 6.7+ years of experience specializing in Cloud DevOps, Infrastructure Automation, and Integration. Excels in mapping business needs to technology solutions. Currently working as a Cloud DevOps & Infrastructure Automation Engineer at Roche.

**Cloud Platforms** - AWS, Azure, GCP

**Azure DevOps Services** - Boards, Repos, Pipelines, Test Plans, Artifacts

**Automation Tools** – PowerShell, Python

**Continuous Integration (CI)** – Jenkins

**Version Control Tools** - GIT, GitLab

**IAAC** – Terraform, ARM

**Containerization**: Docker, Kubernetes

**Orchestration**: Kubernetes

**Container Registry**: Docker Hub

**Container Management**: Image creation, versioning, optimization

**CI/CD Integration**: Docker and Kubernetes integration into CI/CD pipelines

**Build Tools** – Maven

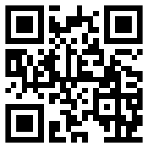
**Servers** – Windows, Linux

**Ticket & ITIL** – Service-Now

**EXPERIENCE**

**DevOps Engineer | Azure Cloud DevOps**

Roche Information Solutions | Nov 2022 – Till Date

[](https://tinyurl.com/y3wls6q4)

* Led the migration from a vendor-driven manual configuration process to an automated setup using multistage pipelines.
* Significantly improved deployment efficiency by automating the configuration process, reducing deployment time from a month to a single day.
* Transformed the deployment pipeline from 11 environments with 64 pipelines each (for a total of 11 \* 64 \* 2 pipelines) to a consolidated setup of 64 Multistage YAML pipelines, simplifying the release process.
* Implemented code quality measures such as pull request policies, auto-reviews, build validations, and automated deployments, ensuring code integrity and reducing the likelihood of errors.
* Introduced one-click deployments for enhanced ease of use and reduced deployment time.
* Integrated Terraform state management to bring existing infrastructure under centralized control, enabling seamless infrastructure management.
* Developed and deployed pipelines and scripts for cost-saving initiatives, actively monitoring infrastructure and Kubernetes pods.
* Enhanced security measures and centralized configuration for Kubernetes pods, ensuring a robust and secure environment.
* Implemented robust security measures by managing the expiration of certificates, service principles, and Key Vault secrets.
* Managed the lifecycle of service principles, including regular reviews, updates, and rotations, contributing to enhanced security.
* Conducted periodic security audits and assessments to identify vulnerabilities and implemented corrective measures to fortify the overall security infrastructure.

**RECOGNITIONS**

Acknowledged by stakeholders at Roche Information Solutions for outstanding contributions in optimizing deployment processes and enhancing system performance.

Acknowledged for successfully leading the migration from a vendor-driven manual configuration process to an automated setup, resulting in substantial time and cost savings.

Awarded Best Performance for automations at Wipro

**Tap to Update**

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[RAGHUWANSHIDEEPAK79.DR@GMAIL.COM](mailto:raghuwanshideepak79.dr@gmail.com?subject=Deepak%20Raghuwanshi's%20Resume%20|%20DevOps)

Qtr. No. 06 Kotwali Campus, behind new Collectorate office bldg, AshokNagar, MP-473331

[linkedin.com/dR](https://www.linkedin.com/in/deepak-raghuwanshi-b64641140/)

**Bachelors Computer Applications**

Amity University | Gwalior

2015 – 2018

**Minor degree in Animation**

Amity University | Gwalior

2017 – 2018

**Professional Skillset**

* AWS & Azure Cloud
* Git & Jenkins
* Maven | ANT
* PowerShell & Shell Script
* Teamwork & Problem solving
* Management

**Language Skills**

* Java, C#, YAML,
* Scripting – Php & Python
* Databases – SQL, NoSQL

**EXPERTISE**

**EDUCATION**

**CONTACT INFO**

**PROCESS AUTOMATED**

**EXPERIENCE**

**Configuration Engineer | Azure Cloud DevOps**

Tieto | Nov 2021 – 2022

**File System** - Disk Usage Issues, Disk Extension, Remove Temp & Unused VM Binaries.

**Compute** – Automated Provisioning & De-Provisioning of VM, Create & Manage Workspace, Host Down & Ping Failure Events & Resolution, Complete Health Checks

**REPORTING** - Automated Reports In Excel & HTML

**Active Directory** - Managing Inactive Users, compliance, Access

**ALERTS** - Monitor a Metrics & Send the alert using SMTP Server

**Cost Savings** – Removed Unused ACR, Container Instances, Blobs Storages

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* Design and implement automations for manual processes on Azure, On-premises infrastructure using PowerShell, Bash, Azure DevOps, and Python.
* Create and manage infrastructure and configuration with Terraform, Docker, PowerShell, and Azure DevOps Pipelines.
* Troubleshoot failures related to infrastructure, Azure DevOps Pipelines, agents, Terraform state, Docker, App Service, Function App, AD & IAM, compute resources, and hosted solutions.
* Collaborate with clients and DEV team to understand architecture for provisioning resources with DevOps practices and Infrastructure as Code (IAAC) tools.
* Create and manage Azure DevOps projects, Git repositories, branch policies & restrictions, and Terraform modules.
* Set up and manage core Azure pipelines & YAML definitions, configuring agents for self-hosted CI/CD VMs, Docker, KV, Networking, etc.
* Document and deploy solutions to higher environments, ensuring complete handover & ownership for maintaining solutions with rollback strategies in place.
* Assist build teams in implementing DevOps practices, conducting PR reviews & approval, code quality analysis, resolving merge conflicts, and restructuring history.
* Orchestrated the secure storage and rotation of secrets within Azure Key Vault, minimizing the risk of unauthorized access and ensuring compliance with security policies.
* Developed and executed a comprehensive strategy for handling certificate lifecycles, ensuring timely renewal and minimizing disruptions to services.
* Collaborated with cross-functional teams to establish best practices for security management and compliance across the organization.
* Automated routine tasks using scripting languages such as PowerShell, addressing challenges specific to microservices architectures.
* Collaborated with development and operations teams to define and implement best practices for microservices architecture, deployment, and monitoring.
* Conducted training sessions for team members on microservices best practices and technologies.

**CERTIFICATES**

**EDUCATION**

**Bachelors Computer Applications**

Amity University | Gwalior

2015 – 2018

**Minor degree in Animation**

Amity University | Gwalior

2017 – 2018

**AWS Certified**

Cloud Practitioner | 2020

**Microsoft Certified**

Azure Fundamentals | 2021

**HashiCorp Certified**

Terraform Associate | 2021

**LANGUAGES**

**ENGLISH**

Expert

**HINDI**

Expert

**FRENCH**

Learning

**LEADERSHIP & COMMUNICATION SKILLS**

**EXPERIENCE**

**Infrastructure Process Automation | Cloud DevOps**

Wipro | July 2018 – Nov 2021

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**Requirements Gathering:**

Expert in collecting and understanding client requirements through effective communication.

**Process Analysis:**

Analyse and streamline Standard Operating Procedures, designing logical workflows for efficient solutions.

**Client Interaction:**

Present and explain design documents to clients, ensuring clarity and obtaining necessary approvals.

**Solution Development:**

Lead the development of server administrative solutions, incorporating monitoring, health checks, and vulnerability fixes.

**Collaboration:**

Collaborate with clients and DEV teams to understand architecture, provisioning resources with DevOps practices and IAAC tools.

**Documentation & Training:**

Document solutions comprehensively, including detailed build & Release notes for clear and replicable processes.

* Collect and understand requirements by syncing with clients.
* Analyze Standard Operating Procedures shared by clients.
* Design logic & workflow for solutions and start development.
* Present and explain design documents to clients for approval.
* Develop solutions for server administrative activities like monitoring performance, health checks, vulnerability fixes, certificate management, Azure-AD & Active Directory, O365, Exchange, patching, task scheduling, and background job processing.
* Develop and implement solutions for creating & managing workspaces, virtual machines on AWS, Azure & VMWare as per business requirements.
* Develop solutions for reporting, processing & consolidating data from various sources, Service-Now or data repositories, into master reports with custom dashboards.
* Expert in exception & error handling, maintaining readable but detailed error logs for quick debugging & troubleshooting.
* Utilize Terraform for the provision of development and test environments on Azure and AWS.
* Configure environments seamlessly using PowerShell, ensuring consistency and reproducibility.
* Manage source code with GitLab, create pipelines on Azure DevOps & Jenkins.
* Perform automation testing integrations with Selenium WebDriver.
* Hands-on experience in containerization environments with Docker and orchestrator with Kubernetes.
* Apply knowledge of quality analysis tools such as SonarQube and JFrog to assess and enhance code quality.
* Implement best practices to ensure code maintainability, security, and reliability.

[](https://goo.gl/maps/3AvyHZh5tad6ycLj6)[](https://api.whatsapp.com/send?phone=919425045390&text=Hi%20%20Deepak%20%20:))[](https://www.linkedin.com/in/deepak-raghuwanshi-b64641140/)

**PERSONAL DETAILS**

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[RAGHUWANSHIDEEPAK79.DR@GMAIL.COM](mailto:raghuwanshideepak79.dr@gmail.com?subject=Deepak%20Raghuwanshi's%20Resume%20|%20DevOps%20|%20Automation%20)

[Qtr. No. 06, Kotwali Campus, behind new Collectorate office building, Ashok Nagar, MP-473331](https://goo.gl/maps/3AvyHZh5tad6ycLj6)

**DECLARATION**

I hereby insist that the information provided is accurate to the best of my facts and belief.

Thank You