

# RITESH VISHWAKARMA

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## PROFESSIONAL SUMMARY

DevOps Engineer with 1+ year of experience in Azure and AWS, specializing in CI/CD pipelines, IaC, and multi-environment deployments. Proficient in Azure DevOps, Bicep, Kubernetes, and release-driven delivery with experience in AI-integrated workflows using Azure AI Foundry.

## TECHNICAL SKILLS

**Cloud & DevOps:** Azure, AWS, Docker, Kubernetes, NGINX

**CI/CD & Version Control:** Azure DevOps Pipelines, GitHub Actions, ArgoCD, Jenkins, Git

**Infrastructure as Code:** Bicep, Terraform

**Monitoring & Security:** Application Insights, Log Analytics, Azure Entra ID, Managed Identity, RBAC

**Languages & Scripting:** Python, Bash, SQL

**AI & Automation:** Azure AI Foundry, LangChain, RAG-based Pipelines

**Core Concepts:** Microservices, Serverless Architecture, Computer Networks, Agile Methodology

## EXPERIENCE

### Anshsoft Solutions | DevOps Engineer

Jun 2025 - Present

- Provisioned Azure infrastructure across Dev, QA, Staging, Production, Demo, and BCP environments using Bicep IaC
- Automated CI/CD pipelines on Azure DevOps covering build, test, artifact, and deployment stages across all microservices
- Configured NGINX reverse proxy with scale-to-zero, optimized infrastructure costs by 90% on the SnapDocs platform
- Integrated Azure AI Foundry with GPT-4.1 agents into the SnapDocs document workflow for AI-driven processing
- Monitored production systems using Application Insights and Log Analytics, resolving issues before user impact

### Wealthy Ways | IT Support Intern

Mar 2025 - May 2025

- Managed 20+ Linux systems including installation, configuration, and performance tuning across production environments
- Tracked infrastructure metrics (CPU, memory, disk, network) maintaining 99% uptime across production systems
- Administered user roles, access controls, and VPN privilege management per defined security policies
- Resolved infrastructure and application issues weekly maintaining regular backups across all environments

## PROJECTS

### SnapDocs | Intelligent Audit Management System | Azure Container Apps, Functions, Blob Storage, App Gateway, Bicep, Entra ID

Feb 2026

- Executed structured release cycles across 6 environments covering major, minor, patch, and hotfix versions
- Established DNS routing from domain through Application Gateway and NGINX to containerized services, enabling secure routing
- Managed Azure subscriptions, Management Groups, App Registrations, and RBAC across all environments
- Implemented secure authentication using Azure Entra ID and JWT-based access control
- Secured zero-trust access using Azure Entra ID with JWT-based authentication and RBAC across subscriptions and management groups

### FusionMinds | Azure Kubernetes Service (AKS), Azure DevOps, Docker, PostgreSQL, Azure AI Foundry

Jan 2026

- Applications deployed on AKS to support scalable data processing across environments
- Delivered build, test, artifact, and deployment workflows using Azure DevOps, replacing manual release steps with automated pipelines
- Integrated Azure AI Foundry with GPT-based models to process queries and return structured, context-aware responses
- Built a RAG pipeline using PostgreSQL as the retrieval backend, grounding model responses in application-specific data

### K8s GitOps Voting Platform | Kubernetes, ArgoCD, Docker, AWS EC2, Redis, PostgreSQL

Oct 2025

- GitOps-based deployments set up using ArgoCD on AWS EC2, removing manual deployment steps
- Containerized Python, Node.js, .NET, Redis, and Postgres using Docker, deploying each as isolated Kubernetes pods
- Configured ArgoCD with auto-sync and self-heal policies, ensuring cluster state always reflects the Git source of truth
- Monitored pod health, resource consumption, and container lifecycle events using Kubernetes Dashboard and kubectl tooling

## EDUCATION

### Bachelor of Engineering in Computer Science

Nov 2021 - Aug 2025

University of Mumbai - MGM College of Engineering and Technology, Kamothe

7.1 CGPA

### S.S.H. School And Junior College

Aug 2019 - May 2021

Higher Secondary Certificate

89%

## CERTIFICATIONS, LEADERSHIP & ACHIEVEMENTS

- Microsoft Certified: Azure AI Fundamentals
- AWS Cloud Practitioner Essentials: Amazon Web Services
- AWS Solutions Architecture Job Simulation: Forage
- Project team member at Google Developer Student Club, MGM CET