

AMOL JADHAV

Senior Azure DevOps Engineer | AI & Automation Specialist

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PROFESSIONAL SUMMARY

Azure-Certified DevOps Engineer with 7 years of experience specialising in CI/CD automation, Kubernetes orchestration, and AI-powered DevOps solutions. Proven track record of integrating Azure OpenAI into enterprise pipelines, building self-service deployment platforms, and automating end-to-end workflows that deliver measurable time and cost savings. Strong expertise in Azure DevOps, Kubernetes, Jenkins, Terraform, and Logic Apps across cloud and hybrid environments.

TECHNICAL SKILLS

DevOps & CI/CD: Azure DevOps (ADO), Jenkins, GitHub, GitLab, Git, Nexus, SonarQube, ServiceNow Integration

Cloud & Infrastructure: Microsoft Azure (IaaS, PaaS, SaaS), AKS, Terraform (IaC), Docker, Kubernetes, Rancher, Virtual Machines, Storage Accounts

Scripting & Monitoring: Linux Shell Scripting, Python, YAML, Dynatrace (APM & Observability), Vault

AI & Automation: Azure OpenAI, LLM Integration, Prompt Engineering, Azure Logic Apps, Generative AI, Co-Pilot, ChatGPT

WORK EXPERIENCE

Tata Consultancy Services

Aug 2019 – Present

Senior Azure DevOps Engineer

Jan 2025 – Present

Client: Ageas Insurance | Eastleigh, United Kingdom

Senior member of the Central Azure DevOps team supporting enterprise CI/CD, AKS platform operations, and automation initiatives.

- Automated the complete EIS build lifecycle using Azure DevOps, Logic Apps, and ADO Pipelines — reducing daily manual effort from **4 hours to 1.5 hours (~63% reduction)** with full hands-off execution, covering pre-checks, approval workflows, regression validation, and release note generation.
- Architected an AI-powered release notes summarisation solution by integrating **Azure OpenAI** into Azure Pipelines — applying **prompt engineering** (system & user prompts) to a deployed LLM to auto-generate non-technical, human-readable summaries for business and audit audiences.
- Designed and maintained **CI/CD pipelines in Azure DevOps**, enabling automated build, test, and deployment workflows for enterprise applications across multiple environments.
- Developed a **self-service** EIS deployment automation that dynamically fetches approvers from environment and release managers, detects deployment conflicts, and orchestrates sequential deployments — enabling users to independently trigger deployments with **real-time MS Teams notifications**, eliminating team dependencies and reducing wait time to near zero.
- Designed and implemented an Azure DevOps Boards and ServiceNow integration to streamline incident and work item management, improving ticket traceability and reducing developer overhead.
- Monitored production environments using Dynatrace, performing incident triage on ServiceNow incidents, root cause analysis, and log investigation to diagnose performance issues and ensure platform stability.
- Investigated and resolved AKS (Azure Kubernetes Service) cluster incidents, performing cluster health checks, analysing pod logs, and troubleshooting deployment failures to maintain reliable containerised workloads.
- Led the upgrade of SonarQube to the 2025 LTA version, improving code quality visibility and maintainability standards across multiple application teams.

Senior DevOps Engineer

Jan 2022 – Dec 2024

Client: Lloyds Banking Group PLC | London, United Kingdom

As part of Central DevOps team, Collaborated with 15 platform teams, managing enterprise DevOps tooling including Git, GitHub, Jenkins, Docker, Kubernetes, Terraform, Rancher, Nexus, Dynatrace, Vault, and U-Deploy to support CI/CD pipelines and platform reliability.

- Optimised cloud infrastructure by decommissioning 53 inactive services and reducing server workload by 30%, delivering cost savings of **£6,500/month**.
- Designed and implemented Linux shell scripting automation solutions to streamline repetitive operational tasks and improve delivery efficiency.
- Utilised Dynatrace observability tools to monitor platform health, analyse application performance metrics, and perform incident triage and root cause analysis for production environments.
- Troubleshoot Kubernetes cluster issues, analysing container logs, validating deployments, and resolving pod failures to maintain stable CI/CD-driven application deployments.
- Spearheaded the development of a Disaster Recovery (DR) solution for Nexus3, improving platform resilience and reducing risk of service outages.

Python & PLSQL Developer

Aug 2019 – Dec 2021

Client: Cigna Healthcare | Pune, India

- Delivered **30 defect-free modules** across 6 sprints as Scrum Team Lead, coordinating with senior architects and managing sprint planning — recognised for quality and on-time delivery.
- Developed an end-to-end ETL process in Python, automating member enrolment workflows and email notifications, streamlining client operations.
- Led the refactoring of UC4 scheduling tool modules aligned to SDLC standards, deploying new modules across environments via a DevOps pipeline.

TRAINING & DEVELOPMENT

- DevOps Engineer Training — Edureka
- Kubernetes Administrator (CKAD) Training — Edureka

EDUCATION

Bachelor of Engineering | Amravati University, India

June 2015 – July 2019