

ABISHEK PRABHAKAR

Cloud DevOps Engineer | Azure | Kubernetes | Linux | MongoDB

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👤 SUMMARY

Cloud DevOps Engineer with 4 years of experience in building, automating, and maintaining scalable cloud infrastructure. Proven expertise in Microsoft Azure, Kubernetes, and Linux environments, with a strong background in deploying and managing containerized applications. Skilled in leveraging MongoDB for efficient data solutions, implementing CI/CD pipelines, and ensuring high availability and performance across cloud platforms. Passionate about driving operational excellence through automation and innovative DevOps practices.

📁 EXPERIENCE

Agilysys Technologies

July 2023 – Present	System Analyst	Chennai
October 2021 – June 2023	Associate system analyst	Chennai

🧠 SKILLS

Cloud – Azure | AWS

VCS / CICD – Git & Github | Azure DevOps | Jenkins

Database – MongoDB | SQL | Postgres

OS – Linux | Windows

Scripting – Bash | Powershell | Python

Queue Management – Kafka | RabbitMQ

IaC Tool – Ansible | Terraform

Containerization – Docker | Kubernetes

★ PROFESSIONAL SUMMARY

Cloud Engineer | DevOps | Linux AdministratorChennai, India
Agilysys Technologies

- **Azure DevOps & Automation** – Building scalable, secure, and reusable pipelines using YAML, PowerShell, and Bash. Experienced in automating infrastructure and deployments with Azure DevOps, ensuring rapid and reliable delivery.
- **Containerization & AKS** – Deploying, scaling, and managing containerized apps using Docker and Kubernetes (AKS), with Helm charts and YAML-based configurations.

- **Cloud Infrastructure** – Designing and managing Azure VMs, App Services, Function Apps, SQL Databases, and VNETs. Proficient in integrating with monitoring tools like Azure Monitor, Log Analytics, and App Insights.
- **Linux System Management** – Experienced in administering various Linux distributions (Ubuntu, RHEL, CentOS), handling user management, disk partitioning, service configuration, **OS patching**, and writing **Shell scripts** to automate system tasks and monitoring.
- **MongoDB Atlas Expertise** – Advanced hands-on experience managing **MongoDB Atlas clusters**. Automated audit reports, scripted queries for monthly transaction counts, monitored usage and performance, implemented backup alerts, and integrated Atlas APIs into DevOps pipelines for reporting and governance.
- **Networking & Security** – Skilled in configuring **Azure Application Gateway, WAF, NSGs, VNET Peering, and Azure Firewall** for secure traffic flow. Hands-on experience with DNS management, private endpoints, and securing ingress with Azure policies.
- **Security & DR** – Implementing backup and disaster recovery using Rancher and Azure Blob/File Share. Managing secrets via Key Vault, enforcing RBAC, and building resilient systems with near-zero downtime strategies.
- **Migration Oversight** – Led key transitions: **Bitbucket → GitHub, CentOS → AlmaLinux, and On-Prem → Azure**, ensuring business continuity and zero disruption.

KEY ACHIEVEMENTS

Optimized Azure Resource Usage

- Achieved a 20% cost reduction in Azure resource consumption by implementing Azure Advisor recommendations, optimizing VM sizing, right-sizing storage tiers, and enforcing lifecycle management policies.

Implemented Rancher Backup Solutions for Disaster Recovery

- Deployed Rancher backup strategies across Dev, QA, and Prod clusters using Azure Blob/File Share. Configured daily automated backups with a 14-day retention policy to enable fast recovery from system failures and seamless upgrades with minimal disruption.

Infrastructure Upgrade Initiatives

- Performed the **CentOS to AlmaLinux migration** across cloud-hosted environments at Agilysys, ensuring OS compatibility, uptime, and security patch continuity with zero service interruptions.

MongoDB Atlas Script Automation & Monitoring

- Streamlined secure connections to **MongoDB Atlas production clusters**, automating reporting and audit-related script executions. Integrated these into CI/CD workflows for monthly transaction counts and backup monitoring.

Blue-Green Deployment Support

- Supported **Blue-Green deployment** strategies across Kubernetes environments to enable zero-downtime application rollouts and rapid rollback capability during production releases.

Performed Version Upgrades for Core Clusters

- Carried out controlled version upgrades for **RabbitMQ, AKS, MongoDB Atlas, and Elasticsearch clusters**, ensuring pre-upgrade validation, compatibility, and zero-downtime during production maintenance windows.

Enabled Seamless CI/CD Workflows with Azure DevOps

- Built and optimized reusable YAML pipelines for microservices deployment into AKS, enabling faster and more secure application rollouts. Integrated approval gates, secure variables, and rollback strategies for robust production delivery.

Developed PowerShell and Bash Automation Scripts

- Created and maintained scripting solutions for provisioning, health checks, backups, and monitoring across Azure and Kubernetes environments. Improved operational efficiency by reducing manual workload in recurring DevOps tasks.

AWARDS

Extra Mile Award | Team Player Award | Super Squad Award

Agilysys Technologies

CERTIFICATION & TRAINING

July 2021 – October 2021

AWS & DevOps Training Program

Chennai

Greens Technologies, Chennai.

Learned the basics of **AWS cloud services** and **DevOps tools** like Docker, Ansible, Terraform, and Linux. This course gave me the foundation to start my journey in DevOps.

EDUCATION

July 2014 – May 2018

Bachelor of Engineering in Automobile

Coimbatore

PSG College of Technology

June 2011 – May 2014

HSC and SSLC

Tiruppur

Bishop Ubagaraswamy Hr Sec Boys School

LANGUAGES

Tamil

Native

English

Proficient

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.



Abishek P
Chennai