

# MOHAMMED RISHAD TP

## DevOps Engineer

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### ABOUT ME

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Cloud-Native DevOps Engineer with over 1 year of experience in technical support and specialized training in AWS infrastructure optimization. Proven expertise in deploying containerized applications using Kubernetes (EKS) and automating high-availability environments through CI/CD pipelines and Infrastructure as Code (Terraform). Focused on increasing system reliability through proactive monitoring and Gen AI-driven deployment workflows

### TECHNICAL SKILLS

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- **Cloud Infrastructure:** AWS (EC2, RDS, S3, IAM, VPC, Route 53, Lambda, CloudWatch).
- **Orchestration And Containers:** Kubernetes (Pods, Services, EKS), Docker, Docker-Compose
- **CI/CD And Automation:** Jenkins (Pipeline-as-Code), GitHub Actions, Ansible, Git.
- **IaC Tools:** Terraform, AWS CloudFormation.
- **Monitoring And Logging:** Prometheus, Grafana, ELK (foundational).
- **Linux And Scripting:** Advanced Linux System Administration (Ubuntu, Red Hat), Bash, Python.

### PROJECTS

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#### StarAgile, Bangalore, (Remote)

##### Deployment of 3-Tier Applications Using AWS Services | Github

- Managed cloud infrastructure deployment on AWS, utilizing S3 for frontend and EC2 for backend
- Configured VPC, subnets, and IAM roles to ensure secure infrastructure and tier isolation
- Streamlined database management using Amazon RDS and implemented Route 53 for domain management

##### Deployment of Online Food Ordering and Delivery Application | Github

- Built and maintained CI/CD pipelines using Jenkins and GitHub webhooks for automated software deployment
- Containerized microservices with Docker and orchestrated scalable deployments on AWS EKS
- Integrated Prometheus and Grafana for infrastructure monitoring, auto-scaling, and system performance alerts
- Achieved zero-downtime deployments by managing release cycles and rollback capabilities

##### Deployment of Online Ticketing and Event Management Applications and Infrastructure | Github

- Developed automated deployment workflows using Git, Jenkins, and Ansible for Dev/Stage/Prod environments
- Maintained documentation for DevOps processes and infrastructure configurations to ensure team collaboration

### PROFESSIONAL EXPERIENCE

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#### Technical Support Engineer, Remote, Saudi Arabia

September 2025 – Present

##### Innovative Cyber Technologies

- **Environment Architect:** Built and maintained secure IT environments tailored to specific client requirements firewalls for network protection.
- **Security Management:** Installed antivirus on all endpoints and configured secure firewalls to ensure network protection
- **Access Control:** Implemented router-level access controls to block unauthorized websites and enhance productivity.
- **System Administration:** Set up GPOs on Windows Servers for policy enforcement and successfully added computers to Active Directory domains.
- **Documentation:** Organized secure system logs and screenshots in structured folders to maintain a clear audit trail

**DevOps Engineer Intern,StarAgile, Bangalore, (Remote)**

August 2025-December 2025

- CI/CD Automation: Engineered automated software deployment pipelines using Jenkins and GitHub webhooks, reducing manual deployment overhead
- Cloud Infrastructure: Orchestrated 3-tier microservices on AWS (EKS, ECR, S3, EC2) to support scalable application environments
- Container Management: Containerized legacy applications using Docker and managed scalable deployments on Kubernetes
- AI Integration: Integrated modern Gen AI tools into DevOps workflows to optimize deployment scripts and efficiency

**System Engineer intern, Netsoft Consulting Services (P) Ltd**

November 2024-December 2024

- Infrastructure Migration: Assisted in large-scale domain migrations for over 100 users, ensuring minimal downtime and data integrity
- Technical Support: Resolved complex infrastructure issues involving VPN, Office 365, and Outlook configurations
- System Monitoring: Monitored IT operations to maintain high uptime and implemented best practices for automated support

## **CERTIFICATIONS**

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**AWS Expert Certificate,StarAgile**

2025

**Docker Essentials Certificate,StarAgile**

2025

**Scalable Web Applications on Kubernetes Certificate,StarAgile**

2025

## **EDUCATION**

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**DevOps Course With Certification Online - Gen AI Training,**  
StarAgile Consulting Private Limited

August 2025- February 2026

**Masters in Cloud Computing,**  
Jetking kochi

April 2023 -October 2024

**Bachelor of Computer Application,**  
University of Calicut

September 2020-April 2023