

# MOHAMMAD GAYASUDDIN

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## SUMMARY

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DevOps Engineer with expertise in Multicloud AWS and GCP, CI/CD pipelines, and infrastructure automation. Delivered **25%+ cost savings**, **50%** faster deployments and improved system uptime to **99.9%** through proactive monitoring and optimization. Skilled in Docker, Jenkins, Prometheus, Grafana, and cloud native architectures.

## EXPERIENCE

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### Kommunicate

*DevOps Engineer*

**Oct 2024 – Present**

*Remote, Bengaluru*

- Optimized cloud infrastructure by migrating from AWS to GCP, boosting performance and scalability by 20%
- Integrated monitoring and alerting solutions to ensure system reliability and proactive issue resolution.
- Created and Maintained CI/CD pipeline, written YAML files to automate deployment workflow.
- Collaborated with cross-functional teams to architect cloud infrastructure and resolve server issues.
- Achieved 25% cost saving in operational costs and makes system Highly available with efficient scalable.

## TECHNICAL SKILLS

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**Cloud:** AWS, GCP, Serverless, mysql, Microservice, Networking and Monitoring

**Cost Optimisation:** Autoscalling, Load Balncing, Cost Explorer analytics

**DevOps Tools:** Docker, Jenkins, Linux, Git, GitHub, CI/CD, ELK, Containerisation, Prometheus, and Grafana

**Soft Skills:** Excellent communication, Troubleshooting, Team Management, Decision Making.

## EDUCATION

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### Motihari College of Engineering, Motihari

*B. Tech - Computer Science and Engineering - CGPA - 7.5*

**2020 - 2024**

*East Champaran, India*

## PROJECTS

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### Streaming CI/CD Pipeline [🔗](#) |

- Streamlined a continuous integration and continuous deployment pipeline to deploy an application.
- Automated deployment and monitoring using AWS CodePipeline, Elastic Beanstalk, and CloudWatch, with integrated load balancing to ensure high availability and real-time application performance insights.
- Reduced deployment time by **50%** through an optimized CI/CD pipeline with AWS CodePipeline, leveraging Elastic Beanstalk's automation and monitoring features to improve system reliability and operational efficiency

### Real-Time Monitoring [🔗](#) |

- Implemented a Prometheus monitoring system for continuous health checks and automated downtime alerts.
- Utilized Blackbox Exporter for external service monitoring and Node Exporter for in-depth hardware and OS metrics, providing comprehensive visibility into application and infrastructure performance.
- Configured Prometheus Alertmanager for efficient alerts and issued email notifications, enhancing reliability.

### VM Migration [🔗](#) |

- Successfully migrated AWS EC2 instances to Google Cloud Platform (GCP) using GCP Velostrata, ensuring seamless transition with minimal downtime and preserving application integrity
- Optimized cloud migration strategy by leveraging GCP Velostrata for real-time workload mobility, reducing infrastructure costs and enhancing scalability post-migration

## CERTIFICATIONS

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- Azure Fundamentals [🔗](#)
- Oracle Cloud Infrastructure Certified Architect Associate [🔗](#)
- Oracle Cloud Infrastructure Multicloud Architect Associate [🔗](#)
- Oracle Cloud Infrastructure Certified DevOps Professional [🔗](#)