

MOHAMMAD GAYASUDDIN

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EXPERIENCE

Kommunicate

October 2024 – Present

Cloud DevOps Intern

- Built CI/CD Pipeline using cloud build for chat widget and migrated from AWS Amplify to Firebase.
- Optimized cloud infrastructure by migrating from AWS to GCP, boosting performance and scalability by 15%
- Optimized MySQL databases by writing efficient scripts to automate tasks, and improved data management
- Collaborated with cross-functional teams to architect cloud infrastructure and resolve server issues.

Linux World pvt ltd.

Feb 2024 - June 2024

AWS Solution Architect trainee

- Developed and deployed cloud-native applications on AWS, leveraging services such as EC2, S3, Lambda, API, Gateway, DynamoDB, ECS, ECR, CloudWatch and VPC for optimized performance and high availability
- Hands-on experience in AWS configuring architecture, scaling, load balancing, cost management, and billing
- Collaborated with the team over AWS services integration and deploying architecture, ensuring HA

TECHNICAL SKILLS

Programming Languages: Python, Shell Scripting, SQL

Cloud: AWS, GCP, Load Balancing, Autoscaling, Cost Optimization, Serverless, Networking and Monitoring

DevOps Tools: Docker, Jenkins, Linux, Git, GitHub, CI/CD, API, mysql, Prometheus, and Grafana

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

EDUCATION

Motihari College of Engineering, Motihari

2020 - 2024

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

East Champaran, India

PROJECTS

Streaming CI/CD Pipeline [↗](#) | AWS EC2, Elastic Beanstalk, CodePipeline, Load Balancing, CodeBuild

- Streamlined a continuous integration and continuous deployment pipeline in AWS 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 [↗](#) | Prometheus, Blackbox Exporter, Node Exporter, Alert Manager, GCP

- 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 [↗](#) | Velostrata, AWS EC2, GCP VM, IAM, EBS, IAM Policy

- 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

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