

# Mohana Krishna Bhogi

## DevOps Engineer

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Current Location: Bangalore, Karnataka | Open to relocate

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### PROFESSIONAL SUMMARY

- Cloud and DevOps Engineer with over 3+ years of hands-on experience in designing, implementing, and maintaining scalable and secure AWS cloud infrastructures. Proven expertise in automation, CI/CD pipelines, and container orchestration using Kubernetes and Docker. Adept at deploying microservices-based architectures, optimizing cloud resources, and enabling seamless DevSecOps processes in hybrid environments.
- A powerful team player with outstanding communication skills and a strong desire for further education and creative growth. Able to solve complicated system problems, increase deployment dependability, and support contemporary DevOps best practices.

### TECHNICAL SKILLS

**Cloud Platforms:** AWS (ECS, EKS, EC2, S3, IAM, CloudWatch, EBS, CloudFront)

**Containerization & Orchestration:** Docker, Kubernetes

**CI/CD Tools:** Jenkins, Helm charts

**Source Control:** Git, GitHub

**Build Tools:** Maven

**IAC Tools:** Terraform

**Monitoring & Observability:** AWS CloudWatch, Prometheus, Grafana, Splunk

**Code Quality & Security:** SonarQube, Synk

**Scripting & Programming:** Python, Shell

**Collaboration Tools:** Jira, Confluence, Slack

### EXPERIENCE

#### HCL Technologies, Bangalore

DevOps Engineer | Duration: Aug 2022 – Present

##### Responsibilities:

- Designed, implemented, and maintained CI/CD pipelines in Jenkins by integrating with GitHub to pipeline the build, test, and deployment for CI/CD automation.
- Integration of SonarQube and Synk for code quality, vulnerability scanning, and policy curtails the steps in the pipeline.
- Automated infrastructure setup using recently useful technologies such as Terraform and Ansible to help target a provisioned and controlled environment by tools that release consistent and reusable variations across multiple environments.
- Developed and owned several Terraform modules for provisioning dev, ST, and prod AWS resources. Automation practices save up to 70% deployment time through this end-to-end automation process.
- Configured Docker for containerising and managing Docker images for individual microservices, which can help them scale them up and down in seconds.
- Managed Kubernetes Cluster EKS and managed multiple clusters. Orchestrated failover, auto-scaling.
- Docker and managed Kubernetes (EKS) clusters are used in containerised microservices for resource optimisation, scalability, and high availability.
- Coordinated rolling upgrades, auto-scaling, and failover to sustain high-availability production workloads.
- Using EC2, S3, RDS, ELB, Route53, CloudFront, and VPC configurations, I designed and managed microservices architectures based on AWS.
- VPCs, Subnets, Peering, Security Groups, VPNs, and IAM policies/roles were used to implement secure networking.
- IAM role-based access control, Secrets Manager, and AWS WAF are used to improve infrastructure security and compliance.
- Prometheus and Grafana were deployed with bespoke dashboards and alerting rules for Kubernetes observability.
- Enhanced visibility and decreased downtime by configuring AWS CloudWatch for real-time monitoring and alerting.
- Developed monitoring dashboards to proactively find and fix performance bottlenecks.
- Created Shell/Bash and Python scripts to automate build, deployment, and monitoring tasks, increasing team output by more than 30%.
- Worked closely with developers, QA, and operations teams using Jira, Confluence, and Slack, following Agile and Scrum methodologies to streamline releases.
- Supported DevSecOps initiatives, ensuring secure, compliant, and traceable deployment processes.

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## EDUCATION

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<b>Bachelor of Technology</b> from Chennai Hindustan Institute of Technology and Science, 8.54 CGPA	<b>2018 - 2022</b>
<b>Higher Secondary Certificate (MPC)</b> from Andhra Pradesh State Board with 89%	<b>2016 - 2018</b>
<b>Secondary School Certificate</b> from Andhra Pradesh State Board with 8.8 CGPA	<b>2015 - 2016</b>

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## CERTIFICATIONS

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- AWS Cloud Practitioner
- Azure AZ-900
- Google Cloud Digital Leader
- AWS DevOps Engineer Certification

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## Achievements

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- Reduced deployment time from hours to minutes through automation.
- Enabled zero-downtime deployments using Kubernetes rolling updates.
- Strengthened infrastructure security with IAM best practices and AWS Config compliance checks.

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## Additional Information

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- Strong communication and collaboration skills
- Adapt to quick troubleshooting and continuous learning
- Passionate about process automation and operational excellence