Bhaskar Kushwah

**Cloud and DevOps
Engineer**

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SUMMARY

Highly motivated and results-oriented Master's in computer applications (MCA) graduate with practical experience in cloud computing platforms (AWS, Azure), containerization technologies (Docker, Kubernetes), and DevOps methodologies. Proven ability to streamline development lifecycles, automate infrastructure, and optimize deployment pipelines. Eager to contribute to a dynamic team as a Cloud Engineer or DevOps Engineer, leveraging strong technical skills and a passion for scalable, efficient solutions.

SKILL SET

- **Cloud Platforms**:- AWS, Microsoft Azure
- **Version Control: -** Git, GitHub
- **Operating Systems: -** Linux, Windows
- **Containerization: -** Docker
- **Orchestration: -** Kubernetes
- **Scripting and Automation: -** Python, Shell
- **CI/CD: -** Jenkins, GitHub Actions
- **Monitoring: -** Prometheus, Grafana
- **Release Management: -** Jenkins
- **Project management: -** JIRA

EDUCATIONAL QUALIFICATIONS

- Master's in computer applications (MCA) from GLA University, Mathura in 2025
- Bachelor of Science – Mathematics from MAGHU, Uttarakhand in 2022
- Senior Secondary Education from Simpkins School, Agra in 2019
- Secondary Education from Simpkins School, Agra in 2016

ACHIEVEMENTS & CERTIFICATIONS

⬏ Source

- AWS Cloud Practitioner Essentials -AWS Skill builder
- E-Gain Certification in Python , SQL & Django.
- IBM Certified – Cloud Essentials.
- Job-Oriented DevOps Course – GLA University

EXPERIENCE

Devops Intern - Elevate Labs (Best Performer)   ⬏ Source

Aug 2025 - Sep 2025 | Remote | Ministry of MSME, Govt. of India Certified

- Built automated CI/CD pipelines using Jenkins, Docker, and Github Actions, streamlining code integration, testing, and deployment workflows across environments.
- Deployed scalable web applications on AWS and Kubernetes, improving resource utilization and ensuring high availability through container orchestration.
- Implemented cloud infrastructure automation and monitoring solutions leveraging Terraform, GitHub Actions, Prometheus and Grafana, enhancing system reliability and visibility.

KEY PROJECTS

Multi-Tier Web Application Deployment on AWS

- **Description**: Built and deployed a standard multi-tier web application (simple web service) on AWS. Implemented an automated deployment process from code commit to environment updates using a Jenkins-driven CI/CD pipeline.
- Set up and configured a multi-tier web application architecture on AWS, including separate layers for web servers (EC2 instances), static content storage (S3), and database management (RDS).
- Secured the application by configuring AWS VPC and Security Groups to control network access between layers.

Basic Static Website Hosting on AWS

- **Description**: Hosted a static website (e.g., a personal portfolio, a simple landing page) entirely on AWS, using S3 for contentstorageand Route 53forcustom domainmanagement.
- Deployed a static website to an AWS S3 bucket**,** configured for public web hosting**.**
- Configured AWS Route 53 to map a custom domain name to the S3 static website endpoint
- Managed website content and configuration files using Git for version control

Build & Deploy Node.js App with CI/CD Pipeline (Docker + GitHub Actions + EC2)   ⬏ Source

- **Description**: Developed and deployed a full-stack simple web application using Node.js and React.js with a fully automated CI/CD pipeline. Utilized Docker for containerization, GitHub Actions for CI/CD, and AWS EC2 for deployment.
- Containerized React and Node.js apps with Docker, used Nginx for frontend deployment, and Docker Compose for local testing.
- Set up GitHub Actions to install dependencies, run tests, build images, and push to DockerHub.
- Deployed the app on AWS EC2 using Docker CLI and served frontend via Nginx.

TRAININGS & SOFT SKILLS

- Provided mentorship to new team members, facilitating their acclimatization to the organization's culture, processes, and ongoing projects.
- Possess strong communication and interpersonal skills.
- Coordination in various events in school and college such as educating village children, Annual Tech Fest, etc.