

Bhupendra Bhati

📍 Jaipur, India | 📞 +918306030162 | ✉ bhupendraabhati@gmail.com | 🔗 [LinkedIn](#) | 💻 [GitHub](#) | 🌐 [Portfolio](#)

PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with hands-on experience in AWS, Azure, GCP, Docker, Kubernetes, Terraform, Jenkins, and GitHub Actions. Skilled in Infrastructure as Code, CI/CD automation, cloud infrastructure management, and monitoring solutions. Built and deployed scalable applications, automated cloud provisioning, and reduced deployment time by 50% through DevOps best practices. Passionate about cloud technologies, automation, and platform reliability engineering.

CORE COMPETENCIES

Cloud Computing | DevOps | CI/CD | Infrastructure as Code | Docker | Kubernetes | Terraform | Linux | Monitoring | Cloud Security | Automation | Platform Engineering

WORK EXPERIENCE

DevOps Engineer, The Cloud Advisory

Jaipur, INDIA | 01/2026 – Present

- Designed, deployed, and managed cloud infrastructure on AWS using Infrastructure as Code (Terraform), ensuring scalable, secure, and highly available environments.
- Built and maintained CI/CD pipelines using Jenkins and GitHub Actions, automating application build, testing, and deployment processes.
- Implemented containerization and orchestration solutions using Docker and Kubernetes to improve application scalability, reliability, and deployment efficiency.
- Managed Linux-based production environments, performing system administration, troubleshooting, performance tuning, and incident resolution.
- Configured cloud networking components, security controls, IAM policies, load balancers, and monitoring solutions following industry best practices.
- Automated infrastructure provisioning, configuration management, and operational tasks to reduce manual effort and improve system reliability.
- Collaborated with development and operations teams to streamline software delivery, enhance deployment processes, and promote DevOps best practices.

Cloud & DevOps Intern

The Cloud Advisory (Finland - Remote) | CloudDevOpsHub

Jaipur, INDIA | 04/2025 - 12/2025

- Managed and supported cloud infrastructure across AWS, Azure, and GCP, including networking (VPC/VNet, subnets, route tables, security groups, load balancers), compute resources (EC2, Azure VMs, VM Scale Sets), storage services, and identity management (IAM, RBAC).
- Automated infrastructure provisioning and configuration management using Terraform, CloudFormation, and Ansible, implementing scalable Infrastructure as Code (IaC) practices across development, staging, and production environments.
- Built and maintained CI/CD pipelines using Jenkins and GitHub Actions containerized applications with Docker, supported Kubernetes (EKS) deployments, and implemented blue-green and rolling deployment strategies.
- Enhanced platform reliability, security, and operational efficiency through Prometheus, Grafana, and CloudWatch monitoring, Linux administration, incident troubleshooting, root cause analysis, IAM/RBAC/MFA security controls, and automation initiatives that reduced deployment time by 50%.

DevOps & Cloud Automation Projects

Dhabriya Polywood Ltd.

Jaipur, INDIA | 06/2015 - 06/2024

- Managed AWS cloud resources including EC2, S3, IAM, and VPC to support business applications and operational requirements.
- Administered Linux servers, performing user management, software installation, system updates, and troubleshooting activities.
- Deployed and maintained web applications on AWS EC2, ensuring availability and smooth day-to-day operations.
- Configured cloud networking components such as VPCs, subnets, route tables, internet gateways, and security groups.
- Managed data storage, backups, and access controls using AWS Identity and Access Management (IAM).
- Monitored infrastructure performance and resolved system, application, and connectivity issues to maintain service reliability.
- Supported the migration of applications and data from on-premises environments to AWS cloud infrastructure.

TECHNICAL SKILLS

- Cloud Platforms: AWS, Azure, GCP
- CI/CD: Jenkins, GitHub Actions
- Containers & Orchestration: Docker, Kubernetes, EKS
- Infra as Code: Terraform, CloudFormation, Ansible
- Monitoring & Logging: Prometheus, Grafana, CloudWatch
- Operating Systems: Linux
- Version Control: Git, GitHub
- Networking: VPC, Route Tables, Security Groups, Load Balancers
- Security: IAM, RBAC, MFA

EDUCATION

- PG in Cloud Computing, Great Lakes
- B.Tech. (I.T.), Arya Institute of Engineering & Technology

Bangalore, INDIA | 07/2024 - 03/2025
Jaipur, INDIA | 07/2009 - 06/2013

KEY PROJECTS

Spring PetClinic on Kubernetes | GitHub | [Link](#)

Tech Stack: Docker | Kubernetes | GitHub Actions | AWS | Linux

- Containerized the Spring-PetClinic application using Docker, reducing environment setup time by ~70% and ensuring consistent deployments.
- Deployed the application on Kubernetes cluster using Deployment, Service, and Ingress manifests, enabling scalable and highly available workloads.
- Built a GitHub Actions CI/CD pipeline that automated build and deployment, cutting release time from ~20 minutes to under 3 minutes.

Web Application Deployment on AWS with Terraform | GitHub | [Link](#)

Tech Stack: AWS | Terraform | EC2 | VPC | Linux

- Provisioned and configured a scalable web application infrastructure on Amazon Web Services using Terraform, automating the deployment of EC2 instances, networking, and security resources.
- Implemented Infrastructure as Code (IaC) practices by writing reusable Terraform modules for EC2 provisioning, security groups, and application deployment, reducing manual configuration effort and improving consistency.
- Configured secure access and networking for the application using AWS Security Groups, key pairs, and VPC components, ensuring reliable and controlled connectivity to the deployed web application.
- Managed end-to-end deployment lifecycle including infrastructure provisioning, application hosting, validation, and troubleshooting on AWS EC2, gaining hands-on experience with cloud infrastructure and automation workflows.

AWS Multi-Region Resource Discovery Tool (BB-CloudSight) | GitHub | [Link](#)

Tech Stack: AWS | Python | Boto3 | AWS CLI | IAM | Multi-Region Automation

- Developed a command-line AWS infrastructure discovery tool that automatically scans all AWS regions and identifies active cloud resources and services from a single command, eliminating the need for manual region-by-region verification.
- Implemented automated service enumeration using AWS SDK (Boto3) and AWS APIs to collect information about EC2 instances, RDS databases, Load Balancers, Lambda functions, S3 buckets, VPCs, and other AWS resources across multiple regions.
- Built centralized reporting and resource inventory capabilities, enabling faster cloud infrastructure audits, operational visibility, and environment assessment for DevOps and cloud engineering workflows.
- Designed the solution with IAM-based authentication and modular architecture, allowing easy extension for additional AWS services, compliance checks, and cloud cost optimization use cases.
- Reduced infrastructure discovery time from hours of manual verification to minutes through automated multi-region scanning and consolidated reporting.

PROFESSIONAL RECOGNITION

AWS Community Builder (2026) | [Link](#)

- Selected by AWS for the global Community Builder program in the Cloud Operations category, contributing technical content, knowledge sharing, and community engagement.

AWS New Voices (2026)

- Chosen for AWS's speaker development program, focused on enhancing technical communication, public speaking, and community leadership skills.