

# DARSHAN BHAMARE

Cloud/DevOps Engineer

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## Career Summary

As a **Lead-level Cloud and DevOps Engineer**, I have **over 4 years** of experience designing and building enterprise-scale infrastructure across **AWS, Microsoft Azure, and IBM Cloud**. I specialize in developing **CI/CD pipelines**, automating deployments, and managing **Infrastructure as Code (Terraform, Ansible, Helm)**. My experience includes working with **Kubernetes (EKS, AKS, IKS), Azure Functions**, and a range of cloud services covering **databases, monitoring, storage, and security**. I've also worked extensively with **AWS MSK, ElasticSearch, and MongoDB**. Beyond technical delivery, I've **led and mentored teams** of over ten engineers, driving the adoption of **DevOps best practices, cloud security, performance optimization, and disaster recovery strategies** within **Agile environments**.

## Technical/Core Skills

- **Cloud Platforms:** AWS (EKS, MSK, EC2, S3, RDS, IAM), Azure (AKS, Functions, App Services, Storage, Databases, Security, Monitoring), IBM (Compute, Containers, Databases, DevOps, Networking, Security, Storage, Observability)
- **DevOps & Automation:** Kubernetes, Terraform, Helm, Ansible, GitHub Actions, Jenkins, CloudFormation, CI/CD pipelines, Docker
- **Security & Networking:** IAM, WAF, Security Groups, ACLs, Firewalls, SSL/TLS, VPC, Encryption, Compliance (ISO, SOC 2, GDPR)
- **Monitoring & Logging:** CloudWatch, Azure Monitor, Prometheus, Grafana, ELK Stack (ElasticSearch, Logstash, Kibana)
- **Databases:** MongoDB (HA, backup/restore, tuning), SQL Databases
- **Scripting & IaC:** Python, Shell Scripting, YAML
- **Collaboration & Tools:** JIRA, Confluence, ServiceNow, FreshService
- **Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, PyCharm, IntelliJ, Eclipse
- **Languages:** Java, Python, C/C++, SQL (Postgres, MySQL), JavaScript, HTML/CSS, R
- **Frameworks:** React, Node.js, Flask, JUnit, WordPress, Material-UI, RestAPI
- **Leadership & Collaboration Skills:** Problem Solving, Decision Making, Leadership, Strategic Planning, Documentation, Adaptability, Trained & mentored teams (10–12 juniors) on Helm, AKS, EKS, IKS, AWS MSK, MongoDB, scripting, and DevOps best practices.

## Experience

### Cloud Operations Engineer Contractor

Conga (Apttus Corporation) | Aress Software & Education Technologies (P) Ltd

May 2023 – Aug. 2024

Nashik, India

- Administered GitHub repositories, implemented CI/CD pipelines, and supported Agile workflows.
- Designed and implemented Azure AKS clusters, Azure Functions, Storage, Databases, Developer Tools, and Monitoring solutions for scalable applications.
- Applied AWS best practices for security, compliance, performance, and cost optimization.
- Configured IAM roles/policies, Security Groups, NACLs, and WAF to strengthen infrastructure security.
- Managed AWS MSK, ElasticSearch, and MongoDB clusters with performance tuning and backup strategies.
- Automated infrastructure provisioning and deployments using Terraform, Ansible, and Jenkins, reducing manual effort by 60%.
- Built and optimized Jenkins pipelines for CI/CD, accelerating release cycles from 2 weeks to 3 days.
- Deployed microservices on AWS EKS, Azure AKS, and IBM IKS using Helm, enhancing scalability and reliability.
- Architected high-availability solutions using Elastic Load Balancing, Auto Scaling, and Kubernetes self-healing mechanisms.
- Led and mentored a team of 10–12 junior engineers on Jenkins, Helm, Kubernetes (EKS/AKS/IKS), MSK, MongoDB, and scripting, promoting DevOps best practices across the team.

## Cloud Operations Engineer

Aress Software & Education Technologies (P) Ltd

Feb. 2021 – May 2023

Nashik, India

- Deployed and managed scalable, fault-tolerant cloud infrastructure using EC2, VPC, S3, RDS, IAM, and Azure VMs.
- Configured AWS CloudWatch alarms, dashboards, and proactive alerts for CPU, memory, disk space and overall system health, cutting incident detection time by 35%.
- Performed and monitored automated backups on Linux and Windows servers; resolved backup failures.
- Conducted system audits, performance tuning, and disaster recovery drills to improve uptime.
- Created automation scripts for provisioning, patching, and monitoring workloads, reducing manual work by 70%.
- Documented troubleshooting steps, best practices, and knowledge base articles.

## Technical Support Engineer

Aress Software & Education Technologies (P) Ltd

Sept. 2020 – Feb. 2021

Nashik, India

- Provided Level 2 technical support for hosting clients via WHM/cPanel and Plesk.
- Configured DNS, FTP, email services, SSL certificates, and handled website migrations.
- Managed Linux and Windows servers, including security, firewalls, vulnerability patching, and monthly upgrades, reducing vulnerabilities by 40%.
- Implemented Active Directory services with user/group management, Group Policy, and domain controllers.
- Configured and maintained remote access solutions such as RDS and VPN.
- Troubled server, network, hardware, and software issues across hosting environments.
- Monitored servers/applications using Nagios, AWS CloudWatch, and similar tools.
- Delivered hosting solutions for VPS, shared hosting, and domain services (registration, transfer, WHOIS privacy).
- Created documentation for troubleshooting procedures, best practices, and knowledge base articles.

## Education

### MSc Cloud Computing

University of Leicester

Sept. 2024 – Sept. 2025

Leicester, UK

Modules – Agile Cloud Automation, Internet and Cloud Computing, Service-Oriented Architectures, Mobile and Web Applications, Big Data, Cyber Security, Algorithms

### Bachelor of Business Administration (Computer Application)

KVN Naik Arts, Commerce & Science College

July 2021 – July 2024

Nashik, India

Modules - DBMS, Web Technology, Software Engineering, OOPS, Cyber Security, MongoDB, Python

### Bachelors in Computer Engineering

K. K. Wagh Institute of Engineering Education and Research

Aug. 2016 – Dec. 2020

Nashik, India

(Completed coursework in term time, degree not conferred due to documentation delays during COVID-19.)

### Higher Secondary Certificate

St. Lawrence High School and Junior College

Aug. 2014 – June 2016

Nashik, India

## MSc Project

### Debate Sessions in Higher Education: An online tool | MERN Stack

June 2025 – Sept. 2025

- The project is built using the MERN stack (MongoDB, Express.js, React.js, Node.js) for full-stack development.
- It implements real-time debate interactions using Socket.IO for live updates.
- Role-based access control is enforced with JWT authentication and unique ID logic for students and instructors.
- Features include QR-based joining, debate creation, gamification, and analysis tools for engagement tracking.

## Awards and Activities

- Awarded as “Performer of the Month” multiple times at Aress Software & Education Technologies (P) Ltd
- Hospitality Head during the Equinox event held by Computer Department, KKWIEER, Nashik
- Certified in Programming in C and C++ Course organized by Krish Academy
- Certified in Core Java and Advanced Java Course organized by Krish Academy
- Hobbies include Bike Riding, Swimming, Computer Gaming, Martial Arts, Table Tennis, Chess, Tennis, Badminton, Travelling.