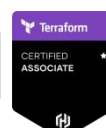


# Shah Nawaz Hussain



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Bengaluru

Portfolio Website | [GitHub](#) | [LinkedIn](#)

## SUMMARY

Cloud Automation and DevOps Engineer with 3.11 years of experience in AWS infrastructure, Terraform (IaC), and CI/CD implementation. Proven track record of reducing deployment times by 30% and optimizing AWS resource costs. Certified AWS Solutions Architect and Terraform Associate with hands-on expertise in Lambda automation, monitoring via Prometheus-Grafana, and building secure architecture aligned with the AWS Well-Architected Framework.

## WORK EXPERIENCE

### Accenture Solutions Pvt. Ltd.

Cloud DevOps Engineer

Dec 2021- Present

Bengaluru

- Reduced deployment time by 30% by developing and optimizing CI/CD pipelines using AWS CodeCommit, CodeBuild, CodeDeploy, and CodePipeline.
- Created and managed 200+ IAM users, groups, policies, and roles using Terraform as Infrastructure as Code (IaC).
- Automated IAM compliance for 100+ AWS accounts via Lambda functions, reducing non-compliance by 60%.
- Ensured 99.9% uptime using Blue/Green, Canary, and Rolling deployment strategies.
- Monitored EC2 and databases with Grafana, Prometheus, AWS CloudWatch, and CloudTrail, reducing MTTR by 40%.
- Implemented AWS Well-Architected Framework across 5+ environments, enhancing security and scalability.
- Configured NACL rules across 10+ VPC subnets via Terraform to automate network-level security.

## PROJECTS

### AWS Architecture for 3-Tier Web Hosting

- Designed a scalable architecture with frontend, backend, and database microservices on AWS.
- Used Terraform scripts for full infrastructure deployment.
- Implemented NAT Gateway and ASG for high availability.
- Set up Application Load Balancers (ALB) across zones.
- Integrated CloudWatch alarms on EC2 and CPU metrics to reduce downtime risks.

### Automated Cost Optimization System

- Built an AWS Lambda-based monitoring solution integrated with CloudWatch to identify underutilized EC2/RDS instances.
- Achieved monthly cost savings of \$1,200 by scheduling off-peak shutdowns and enabling autoscaling rules.

## CERTIFICATION & SKILLS

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- **Certifications:**

AWS Certified Cloud Practitioner  
AWS Certified Solutions Architect – Associate  
HashiCorp Certified: Terraform Associate (003)

- **Skills:**

**Cloud Platforms:** AWS  
**CI/CD Tools:** AWS CodePipeline, Jenkins  
**Scripting:** Python  
**IaC:** Terraform  
**Containers:** EKS, Kubernetes, Docker  
**Version Control:** Git, CodeCommit, Bitbucket  
**Ticketing Tools:** JIRA, Confluence, ServiceNow  
**OS:** Linux, Windows  
**Configuration Management:** Ansible, Rundeck  
**Monitoring/Logging:** Prometheus, Grafana, AppDynamics, Splunk, AWS CloudWatch, CloudTrail  
**Databases:** MySQL, RDS (DDL, DML)  
**Other:** Cloud Architecture, AWS Setup, Automation, Troubleshooting, Agile, User Authentication

## EDUCATION

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*Dayananda Sagar College of Engineering*

**2017 - 2021**

Bachelor of Engineering (B.E.), Major: Mechanical Engineering

## PERSONALITY TRAITS & WORK ETHIC

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- **Proactive Problem Solver** – Anticipates challenges and implements efficient, scalable solutions before they escalate.
- **Ownership Driven** – Takes full responsibility for deliverables, from design to deployment, ensuring reliability and performance.
- **Detail-Oriented** – Passionate about writing clean, secure, and well-documented code; highly attentive to configuration precision and system integrity.
- **Collaborative Communicator** – Coordinates effectively with cross-functional teams including developers, QA, and product owners.
- **Adaptable Learner** – Continuously upskills through certifications and hands-on experimentation with emerging cloud technologies.
- **Customer-Centric** – Keeps client goals and SLAs at the core of all architectural and automation decisions.

## ACHIEVEMENTS

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- CDP Award – For best practices in client data protection during project implementation.
- Recognized by senior leadership for automating IAM compliance workflows impacting 100+ accounts.