

# Noor Basha

Devops Engineer | AWS | CI/CD | Container |Kubernetes | IAC

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## Professional Summary

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DevOps Engineer with 4+ years of experience designing, automating, and optimizing AWS cloud infrastructure and CI/CD pipelines. Skilled in Docker-based containerization with exposure to Kubernetes, Infrastructure as Code (Terraform), and implementing secure, scalable, and cost-efficient solutions. Proven track record in improving observability, accelerating releases, and collaborating in agile environments to deliver high-quality software.

## Skills

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**Cloud Platform:** AWS

**Infrastructure as Code (IaC):** Terraform

**Containerization & Orchestration:** Docker, Kubernetes (EKS)

**CI/CD Tools:** GitLab, GitHub Actions

**Observability & Monitoring:** Prometheus, Grafana, Cloud Watch

**Version Control:** Git, Gitlab

**Scripting & Automation:** PowerShell, Bash

**Operating Systems:** Linux, Windows

## Work Experience

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**Capgemini Technology | Senior Software Engineer (DevOps)**

May 2025 – Present

- ❖ Experience with spring boot framework for developing Java-based micro services.
- ❖ Infrastructure Patch management for all windows/Linux/Ubuntu servers using Ansible.
- ❖ Developed shell scripts for automating node health checks, monitoring CPU, memory, and other critical metrics, ensuring system stability.
- ❖ Developing and maintaining the continuous integration and deployment pipelines using Jenkins, Git, Maven, nexus
- ❖ Collaborated with developers to optimize code repositories, resulting in faster code retrieval and collaboration.

**Rackspace Technology Private Ltd | Software Engineer (DevOps)**

Dec 2020 - May 2025

- ❖ Designed and implemented secure, highly available AWS infrastructure using Terraform, leveraging ECS (Fargate & EC2), EKS, Load Balancer (ALB), CloudWatch, Lambda, API Gateway, VPC, IAM, and other AWS services, ensuring scalability and security compliance.
- ❖ Developed reusable Terraform modules for multi-environment provisioning (dev, test, prod) with Terraform Cloud, implemented automated infrastructure testing using Terratest to ensure reliability and compliance.
- ❖ Built and optimized CI/CD pipelines in GitLab, integrating automated testing, SAST/DAST scans, and zero-downtime deployments, reducing release times by 30%.
- ❖ Managed containerized applications with Docker and deployed on AWS ECS, ensuring high availability, resilience, and implementing centralized logging and monitoring using CloudWatch.
- ❖ Deployed and orchestrated workloads on Kubernetes (EKS), implementing RBAC for secure access control and enhancing observability using Prometheus and Grafana for monitoring and alerting.
- ❖ Reduced cloud costs by 20% through right-sizing, workload consolidation, and provisioning optimizations.
- ❖ Collaborated in Agile/Scrum teams, accelerating release cycles and improving delivery quality.
- ❖ Develop Terraform modules - EFS, ELB, ASG, S3, Network (VPC, IGW, RT, SUBNET, SG, NAT, Endpoint), GI Pipeline
- ❖ Develop Ansible Roles & playbook - Configure Jenkins Master, Harden the GI, Patch the OS of Jenkins Master

- ❖ Develop Packer module - Jenkins GI
- ❖ Develop shell script - Configure GI slave, automate GI build steps, automate Jenkins backup
- ❖ Develop Jenkinsfile - Build GI Pipeline & Scan it, Backup of Jenkins Master
- ❖ Rolling out newer version of Jenkins once in 1 or 3 months
- ❖ Upgrading/Scaling Jenkins Master for capacity
- ❖ Set & Scan the server for vulnerabilities, based on the reports we accordingly harden the AMI or update Ansible Roles
- ❖ Automated health checks, log monitoring, and performance tracking with Bash and PowerShell scripts, improving incident detection speed by 40%.
- ❖ Defined and enforced Git branching strategies (GitFlow) and merge request workflows, improving code quality and reducing merge conflicts.

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**Management Trainee | Genpact India Private Ltd****June 2016 to July 2017**

- ❖ Define project requirements by identifying project milestones, phases and elements; forming project team; establishing project budget
- ❖ Contribute to team effort by accomplishing related results as needed
- ❖ Conduct insightful, ad hoc analyses to investigate ongoing or one-time operational issues.

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**Iron Mountain Private | Senior Associate****April 2012 to Dec 2015**

- ❖ Extracting the bank statements from JP Morgan site, sending them to the debt collectors and Regional credit managers
- ❖ Managing the AR accounts and following up with customers for any outstanding invoices.
- ❖ Create the current month's production invoice for SENA for the prior month's production and get accountants to update the actual production details.
- ❖ Extract pipeline invoices, shipper statements, and cash-out prices to be circulated to the accountants.

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**Education**

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**Bangalore University**

Bachelor of Business Management – KLE's Nijalingappa College – 2008