

Ganesh Bari

[✉ ganeshbari244@gmail.com](mailto:ganeshbari244@gmail.com) | [📞 +918770067324](tel:+918770067324) | [LinkedIn](https://www.linkedin.com/in/ganeshbari244/) | [GitHub](https://github.com/ganeshbari244) | [📍 Burhanpur, M.P. \(450445\)](#)

Professional Summary

Cloud Engineer with 2+ years of experience in designing and automating secure AWS environments. Proven success in optimizing cloud infrastructure, reducing operational costs, and improving deployment efficiency through Infrastructure as Code and CI/CD automation. Passionate about delivering scalable, resilient, and secure cloud solutions aligned with business goals.

Professional Experience

Cloud Engineer | Uttishatat Private Limited

Aug 2024 – Present

- Designed and managed AWS infrastructure for production and staging environments, improving uptime by 30%.
- Automated provisioning using Terraform and cloud Formation, reducing manual setup time by 40%.
- Implemented IAM roles, policies, and VPC security configurations following AWS best practices.
- Optimized AWS costs through rightsizing and lifecycle policies, achieving 20% monthly savings.
- Managed RDS backups and disaster recovery, ensuring business continuity for critical applications.

Software Engineer | BA Continuum India Pvt. Ltd. Chennai

Nov 2021- Nov 2022

- Supported Fulfillment & Servicing Technology (FAST L3) applications with 24/7 uptime responsibility.
- Built automation workflows to classify emails and extract structured data, reducing manual requests by 50%.
- Collaborated with developers and vendors to resolve production incidents and perform RCA.
- Documented process improvements that enhanced team efficiency and reduced recurring incidents.

Education

- Diploma in Advanced Computing(DAC)** May 2021 – Sep 2021
Centre for Development of Advanced Computing, Hyderabad
- Bachelor of Engineering, Computer Science** 2016 – 2020
Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), Bhopal

Technical Skills and Tools

- Cloud Platforms** : AWS (EC2, S3, IAM, VPC, RDS, Cloud Front, Route 53)
- DevOps Tools** : Git, Terraform, Jenkins
- Operating Systems** : Linux (Ubuntu), Windows Server
- Scripting** : Bash, PowerShell
- Networking** : DNS, NAT, Subnetting, Security Groups, NACLs, TCP/IP
- Monitoring** : Cloud Watch, System Logs
- Version Control** : GitHub, Git CLI

Certification

Java Fundamentals (IBM)
Agile with Atlassian Jira (Coursera)
AWS re/Start Graduate

[Credentials](#)
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Projects

Infrastructure Automation using Terraform & CI/CD

- Designed and deployed end-to-end AWS infrastructure using Terraform (IaC) for automated provisioning.
- Integrated GitHub Actions with Terraform to enable CI/CD pipeline for seamless infrastructure updates.
- Implemented reusable Terraform modules for consistent environment creation across dev, stage, and prod.
- Automated configuration of EC2, S3, IAM, and VPC resources, reducing setup time by 70%.
- Configured cloud Watch metrics and alarms to proactively monitor and maintain service uptime.
- Achieved zero-downtime deployments through automation and version-controlled infrastructure changes.

Tech Stack: AWS (EC2, S3, IAM, Cloud Watch), Terraform, GitHub Actions, Bash.

Three-Tier Architecture Deployment on AWS

- Deployed a scalable three-tier web architecture (web, app, and database layers) on AWS.
- Configured VPC with public and private subnets, NAT Gateway, and route tables for secure networking.
- Used ALB and Auto Scaling Groups to ensure high availability and fault tolerance.
- Implemented RDS multi-AZ setup with automated backups and encryption for data resilience.
- Managed IAM roles, security groups, and NACLs to enforce principle of least privilege.
- Monitored system health using Cloud Watch metrics and dashboards.

Tech Stack: VPC, EC2, RDS, ALB, Auto Scaling, IAM, Cloud Watch.

FAST (Fulfilment and Servicing Technology) (BOFA)

- Developed applications to automate email classification and data extraction.
- Created service requests in downstream application Icon.
- Facilitated processing of servicing requests for payments, advances, rollovers, etc.
- Reduced manual tasks by automating daily monitoring & alerting workflows.

Tech Stack: Work fusion, Linux, Scripting, Cloud Services.