

Tanseer Khan

Cloud & DevOps Engineer | AWS Community Builder

☎ +91 8793314013 | ✉ ktanseer2@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📍 Nashik, India

PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with 1.5 years of hands-on experience architecting highly complex, secure, scalable and cost-optimised cloud infrastructures. Recognised as an **AWS Community Builder (Serverless)**, for active community engagement. Proven ability to lead end-to-end infrastructure design cycles, from whiteboard to deployment, across mobile and web platforms.

PROFESSIONAL EXPERIENCE

Skillminds LLP

2024 – Present

Software Engineer Cloud & DevOps

Nashik, India

- Architected, deployed, and maintain secure, scalable AWS infrastructure from the ground up across 3+ production projects, leveraging VPC, serverless services, and managed databases; sustaining **99.9% uptime** across all live platforms.
- Engineered a full 3-tier architecture migration (frontend, backend, database) from server-based to fully serverless AWS, enabling deployment of **2 mobile apps (iOS & Android)** and **1 web platform** while reducing infrastructure costs by **~80%** during development.
- Designed and maintained **end-to-end CI/CD pipelines** using GitHub Actions and Jenkins across frontend (mobile & web) and backend services for multiple projects, cutting average deployment time by **~60%** and eliminating all manual release steps.
- Architected an **event-driven microservices system** using Amazon SQS as a lightweight Kafka alternative, significantly improving service decoupling, fault tolerance, and horizontal scalability across distributed workloads.
- Implemented **Infrastructure as Code (IaC)** using Terraform for fully repeatable VPC, RDS, and Lambda provisioning, compressing environment setup time from days to **under 30 minutes**.
- Enforced **AWS security best practices** across all production environments including IAM least-privilege policies, VPC private subnets, Cognito-based authentication, and encrypted RDS instances ensuring compliance and zero critical vulnerabilities.
- Established **CloudWatch observability** dashboards and alarms across Lambda, RDS, and SQS, enabling proactive incident detection and measurably improving mean time to resolution (MTTR).

PROJECTS

Wed-Ease: Wedding Platform (Web + Mobile) | Skillminds LLP

- Architected end-to-end **AWS serverless infrastructure** (Lambda, API Gateway, RDS, S3, CloudFront, SES) for a full-stack wedding management platform serving both web and iOS/Android applications.
- Engineered **CI/CD pipelines with GitHub Actions**, fully automating build, test, and deployment workflows and compressing the release cycle from weekly manual deploys to **multiple automated releases per day**.

Fit-Track: Fitness Tracking Mobile App | Client Project (Skillminds LLP)

- Deployed and managed **full AWS cloud infrastructure** with automated CI/CD delivery pipelines for iOS and Android releases, ensuring consistent, zero-downtime deployments across all environments.
- Migrated server-based workloads to **serverless components** (Lambda + API Gateway), achieving significant infrastructure cost reduction and measurably improved cold-start performance.
- Configured **CloudWatch monitoring and alerting** for real-time visibility into application health, usage metrics, and proactive incident response.

SKILLS

AWS : Lambda, S3, RDS, VPC, CloudFront, Cognito, SQS, EventBridge, Route 53, Amplify, MediaConvert, SES, API Gateway, CloudWatch

Infrastructure as Code : Terraform

DevOps & CI/CD : GitHub Actions, Docker, Git/GitHub, Linux/Unix

Observability : Amazon CloudWatch (dashboards, alarms, log insights)

Security : IAM least-privilege, VPC private subnets, Cognito auth, encrypted RDS, AWS security best practices

Languages : JavaScript (Node.js), Python, Java

EDUCATION

SIES Graduate School of Technology

2020 – 2024

Bachelor of Engineering in Information Technology with Honours in Cybersecurity

Navi Mumbai, India

- **CGPA:** 8.69 / 10

ACHIEVEMENTS & RECOGNITION

AWS Community Builder: Serverless | [AWS - CB](#)

- Recognised by AWS for outstanding contributions and active engagement within the global AWS community, specialising in serverless technologies.

Conference Paper: IEEE Xplore | [Research Paper](#)

- Co-authored '*TAGD India: NFC Enabled Smart Visiting Card*', presenting an innovative NFC-based digital identity solution. Published in IEEE Xplore.