

YASMIN ANSARI

Solutions Architect | Distributed Systems | Fintech & BFSI

+91 9702440824 | yasmin-tech.in | yasmin.ansari96@gmail.com

linkedin.com/in/yasmin-tech | Mumbai, India (Open to Remote)

SUMMARY:

Solutions Architect with 9+ years designing secure, high-scale distributed systems for fintech and BFSI. Founding architect of a fraud & risk platform serving 100+ BFSI clients, and led execution of BFSI's hardest deployment class — split-deployment across organisation and bank-sovereign cloud environments for a leading private bank, under a Chief Technical Architect. Architecture across the lending lifecycle: before the loan, after the loan, and underneath it all, how the data is held.

HIGHLIGHTS:

- Scaled platforms to 30Cr+ profiles/year · 1.17Cr enquiries in Q1 2026 alone · 60Cr+ API calls · ~2K concurrent users
- Founding architect of the platform now generating ₹36Cr+ ARR; architected the multi-tenant scaling behind 400% YoY client growth
- Executed DS's first split-deployment architecture across organisation and bank-sovereign clouds — led the CSFLE encryption evaluation; recommendation adopted
- Owned system design and scalability for multi-tenant BFSI platforms

EXPERIENCE:

PROJECT LEAD (SOLUTIONS ARCHITECT) *promoted from SDE 2 within 12 months*

DataSutram

Jan 2023 - Present

- Executed DS's first on-premises split-deployment for a leading private bank under the Chief Technical Architect — end to end ownership (led evaluation; recommendation adopted). The pattern is now the organisation's DPDP-compliance moat, with ₹40Cr projected revenue in the regulated-residency segment.
- Founding architect of DS Trust, a fraud & risk platform processing 30Cr+ profiles/year, serving 100+ BFSI clients at ~2K concurrent users — platform now generates ₹36Cr+ ARR.
- Set the architecture roadmap for a 10–15 engineer product organisation
- Manage 3 direct engineers — own performance reviews, growth plans, and delivery, with final calibration by engineering leadership
- Architected the multi-tenant scaling that absorbed 400% YoY volume growth without architectural rework
- Improved profile-fetch latency by ~75% and cut release turnaround from 2 weeks to 2 days through continuous-delivery pipelines for hybrid infrastructure

TECHNICAL LEAD MANAGER · PARTNER

Ajackus

Apr 2019 - Dec 2022

- Led backend architecture across enterprise and healthcare platforms serving 10K+ users across web and mobile
- Designed and built a recommendation engine for Juvoxa (50K recommendations/day) and a serverless real-time job search platform for JobsGator
- Architected WebRTC-based conferencing and interview platforms (MediaMash, Tacnique) using microservices, Kubernetes, and Helm on open-source infrastructure
- Delivered Transparent Path logistics platform on Kubernetes, saving \$20K in operational costs within 3 months of launch
- Improved deployment efficiency (-40% deployment time) via CI/CD and microservices
- Established engineering standards and architecture governance, including system design practices and code quality

SOFTWARE DEVELOPER

Deltecs Infotech

Jun 2017 - Dec 2018

- Delivered backend systems across multiple projects; designed and optimized database systems for performance and reliability thereby improving delivery efficiency by 18%.

EXPERTISE :

• Architecture & Systems

System Design · Distributed Systems · Microservices Architecture · Event-driven Architecture · API Gateway · High Availability · Scalability · Technical Strategy · Multi-tenant Architecture

• Backend & APIs

Node.js · Python · REST APIs · gRPC · API Design · High-Throughput Systems

• Data & Performance

PostgreSQL · MongoDB · Redis · Caching · Performance Optimization · Message Queues / Event Streaming

• Cloud & DevOps

AWS · GCP · Terraform (IaC) · Docker · Kubernetes · Cross Cloud Integration · CI/CD Pipelines · Observability & Monitoring

• Reliability & Governance

Regulatory Compliance (BFSI) · Data Encryption · Audit Trails · Fraud Detection Systems · Secure Data Pipelines · SLOs & Error Budgets

• Leadership & Delivery

Technical Product Ownership · Cross-functional Team Leadership · Stakeholder Management · Agile/Scrum · Technical Roadmapping

• AI & Automation

Agentic AI Systems · AI-assisted workflows · Autonomous task orchestration · LLM-based automation

EDUCATION :

B.E. in Computer Engineering

Mumbai University | 2017 | CGPI: 9.55