Shaik Riyaz Basha

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GitHub · LinkedIn · LeetCode · Portfolio

PROFESSIONAL SUMMARY

Backend-focused full-stack developer specializing in designing scalable microservices and distributed systems. Built and deployed event-driven architectures using Kafka, RabbitMQ, and Redis to power real-time applications supporting 500+ concurrent users. Strong foundation in system design, cloud infrastructure (AWS), performance optimization, and building production-ready APIs.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL
Frontend: React, Next.js, Tailwind CSS, WebSocket
Backend: Node.js, Express.js, REST APIs, Microservices, RabbitMQ, Redis
Databases: MongoDB, MySQL, Redis
Cloud & DevOps: AWS (EC2, S3, RDS, IAM), Docker, Linux, Nginx
System Design: Distributed Systems, Caching, Rate Limiting, API Design
Tools: Git, GitHub, Postman, Vercel
ML/Data: Scikit-Learn, Pandas, NumPy

TECHNICAL PROJECTS

Real-Time Chat Application (Microservices) — Dec 2025 – Jan 2026
Node.js, RabbitMQ, Redis, WebSocket, MongoDB, TypeScript — *GitHub | Live*
– Architected distributed microservices with RabbitMQ (including dead-letter queues) ensuring reliable event-driven communication across services.
– Engineered WebSocket-based messaging system supporting 500+ concurrent users with Redis caching and rate limiting.
– Reduced server load by 40% via MongoDB query optimization, collection indexing, and connection pooling strategies.

AI Resume Builder — Oct 2025 – Nov 2025
Next.js, TypeScript, Gemini API, ImageKit CDN, MongoDB — *GitHub | Live*
– Developed AI-powered resume generator integrating Gemini API to produce ATS-optimized structured content with real-time preview.
– Implemented ImageKit CDN for asset delivery, reducing image load times by 60% and improving overall application performance.

Movie Recommendation Engine — Jun 2025 – Jul 2025
React, Express.js, Flask, TMDB API, MongoDB — *GitHub | Live*
– Built content-based filtering engine using cosine similarity algorithms, serving personalized recommendations via optimized REST APIs (sub-200ms latency).
– Designed to handle 500+ concurrent requests with efficient caching and horizontal scaling strategies.

Diabetes Risk Prediction Model — Dec 2025
Python, Scikit-Learn, Random Forest, Flask, Pandas — *GitHub | Live*
– Built and deployed Random Forest classifier achieving 85% accuracy with SMOTE oversampling for imbalanced medical datasets.
– Developed Flask REST API for real-time predictions with input validation and error handling.

EDUCATION

G. Pullaiah College of Engineering & Technology — Expected May 2027
B.Tech in Computer Science and Engineering (AI) — *CGPA: 8.72 / 10.0*

CERTIFICATIONS

AWS Cloud Practitioner Essentials – AWS Training & Certification — Dec 2025
Supervised Machine Learning: Regression and Classification – Coursera — Jan 2025