# SHAIK RIYAZ BASHA

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🌐 Portfolio   GitHub   </> LeetCode

## PROFESSIONAL SUMMARY

Full-stack developer with strong backend orientation, experienced in building scalable web applications and real-time systems using React, Node.js, and microservices architecture. Proven ability to design event-driven systems, optimize performance under load, and deploy production-ready applications with measurable impact.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, SQL
**Frontend:** React, Next.js, Tailwind CSS, WebSocket, Framer Motion, Three.js
**Backend:** Node.js, Express.js, REST APIs, Microservices, RabbitMQ, Redis
**Databases:** MongoDB, MySQL, Redis
**ML/Data:** Scikit-Learn, Pandas, NumPy, Random Forest
**Tools:** Git, GitHub, AWS EC2, Vercel, Postman, ImageKit CDN

## PROJECTS

**Real-Time Chat Application (Microservices)**  GitHub  🌐 Live — Dec 2025 – Jan 2026
Node.js, RabbitMQ, Redis, WebSocket, Express.js, TypeScript

- Architected event-driven microservices using RabbitMQ with retries and dead-letter queues, ensuring zero message loss.
- Implemented WebSocket-based real-time messaging supporting 500+ concurrent users with typing indicators and read receipts.
- Designed Redis-backed presence tracking and rate limiting to stabilize traffic spikes.
- Reduced server load by 40% through query optimization and connection pooling.

**AI Resume Builder**  GitHub  🌐 Live — Oct 2025 – Nov 2025
Next.js, TypeScript, Gemini API, Express.js

- Built AI-powered resume generator producing ATS-friendly structured content using Gemini API.
- Designed schema-driven resume sections enabling real-time edits and drag-and-drop reordering.
- Optimized image delivery using ImageKit CDN, reducing load times by 60%.

**Movie Recommendation Engine**  GitHub  🌐 Live — Jun 2025 – Jul 2025
React, Express.js, TMDB API

- Implemented content-based filtering using cosine similarity on TMDB movie metadata.
- Built REST APIs handling 500+ concurrent requests with sub-200ms responses.

**Diabetes Risk Prediction Model** — Dec 2025
Python, Scikit-Learn, Flask

- Trained Random Forest model achieving 85% accuracy with full preprocessing, imbalance handling, and evaluation pipeline.

## EDUCATION

G. Pullaiah College of Engineering & Technology — 2023 – 2027
B.Tech in Computer Science and Engineering (AI) — CGPA: 8.72 / 10