

TEHREEM JABEEN SALEKEEN

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🐙 [Github](#)

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Education

B.S. Computer Science FAST Nukes CGPA: 3.54 2023 – 2027

Skills

Databases	PostgreSQL, MySQL, MongoDB, Redis, Supabase, Database Design
Programming	Python, C, C++, TypeScript, OOP, Data Structures & Algorithms
Backend	FastAPI, RESTful APIs, Docker, Node.js, System Design
Frontend	HTML, React, Next.js, Tailwind CSS
Cloud & Tools	Git/GitHub, Linux, AWS
Data Analytics	Pandas, SciPy, Plotly, Seaborn, Excel, ETL, Data Visualization
AI/ ML & GenAI	RAG, LangChain, LangGraph, AI Agents, Hugging Face, Gemini, Groq, Claude, Scikit-learn, TensorFlow

Experience

Teaching Assistant | Computer Organization & Assembly Language Aug – Dec 2025

AI/ML Intern | Atlas Honda Limited July–August 2026

- Developed an end-to-end RAG chatbot using Python, LangChain, and Gemini for context-grounded HR policy queries.
- Benchmarked retrieval using Top-k Similarity and MMR to improve retrieval accuracy.
- Evaluated RAG retrieval and generation quality using RAGAS, optimizing the pipeline for reliable responses.

Projects

CALL-E Voice Proxy | [Live Demo](#) | React, Next.js, TypeScript, Supabase, Redis, Gemini, MCP

- Deployed an AI-powered accessibility platform enabling deaf and non-speaking users to complete phone tasks.
- Integrated MCP-based call planning and SDK-based execution with asynchronous webhooks for long-running calls.
- Built production security using Supabase Auth and Redis (webhooks, rate-limiting) to reliable operations.
- Built a responsive frontend using React, Next.js, TypeScript, and Tailwind CSS.

Market Research Crew | Python, LangGraph, FastAPI, React, TypeScript, Tailwind CSS, Gemini, Hugging Face

- Automated competitor research using parallel multi-agent AI and cited reports.
- Reduced LLM sentiment-scoring calls by 75% using local Hugging Face models.
- Optimized reliability with retries, fault isolation, and LLM budget controls.
- Developed a full-stack research dashboard with React and FastAPI for interactive report generation.

ChatHub — Real-Time Encrypted Chat System | Python, FastAPI, Socket.IO, Next.js, React, TypeScript, PostgreSQL, Supabase

- Engineered real-time messaging with 20+ socket events across REST APIs and WebSockets.
- Ensured 100% client-side message encryption using RSA-2048 and AES-256-GCM.
- Optimized asynchronous database operations with SQLAlchemy and PostgreSQL relational constraints.
- Strengthened data integrity through relational database constraints and JWT-based role authorization.

Awards & Certifications

- 5th place in PROCOM Debugging competition – 2025: Ranked 5th out of 55 teams by resolving errors.
- Dean’s List Honors: Recognized for academic excellence by being named to the Dean’s List for 4 semesters.
- Deeplearning.ai Data Analytics Certificate – Coursera (2025)
- Deeplearning.ai Machine Learning Specialization – Coursera (2025)