

Rehan Tariq

Applied AI / Full-Stack Engineer

Pakistan | Open to Worldwide Remote (US & EU Timezone Overlap)

[Portfolio](#) | [Email](#) | [LinkedIn](#) | [GitHub](#)

SUMMARY

Applied AI & Full-Stack Engineer focused on practical LLM applications, agentic workflows, real-time voice AI, and reliable AI system design. Combines professional software engineering experience with independent AI projects involving evaluation, structured outputs, tool calling, retrieval, and real-time streaming.

EXPERIENCE

Junior Software Engineer

Sept 2025 – Present

Eletech Solutions | Next.js, TypeScript, Prisma, PostgreSQL, Redis

Lahore, Pakistan

- Engineered a high-concurrency, multi-tenant SaaS backend using PostgreSQL and Prisma, enforcing strict data isolation and RBAC.
- Architected an asynchronous price-tracking engine with background job queues, rate limiting, and fault-tolerant web scrapers.
- Optimized queries and integrated Redis caching, reducing p95 API response latency by 60% across core data endpoints.

Junior AI Developer

Jul 2025 – Sep 2025

ZirveSol | Node.js, Python, OpenAI API, WebSockets, FAISS

Lahore, Pakistan

- Architected an Agent Builder, a high-throughput WebSocket & REST API platform for orchestrating sub-second, full-duplex conversational voice agents.
- Integrated local FAISS vector indexing directly into the Node.js runtime and enforced connection-level WebSocket authentication.
- Automated 85%+ of inbound support routing via an intelligent IVR classification system, reducing voice latency by 45% with hybrid microservices.

Full-Stack Developer

Feb 2024 – Feb 2025

Upwork | Next.js, React, TypeScript, Tailwind CSS, Stripe

Remote

- Delivered 8+ full-stack web applications using Next.js and TypeScript, maintaining a 100% Job Success Score.
- Achieved 95+ Lighthouse performance scores while integrating secure payment workflows (Stripe) and third-party APIs.

SELECTED AI PROJECTS

OpsVoice SRE Commander - [Code](#) | *FastAPI, WebSockets, Groq, Pytest*

Aug 2026

- Built an independent voice-driven SRE incident commander to query telemetry and trigger simulated rollbacks via WebSockets.
- Implemented Eval-Driven Development (EDD) with a Pytest harness across 500+ simulated failure scenarios to evaluate deterministic tool-calling behavior.

Career Autopilot Engine - [Code](#) | *Go (Golang), Node.js, Bash, GitHub Actions*

Mar 2026

- Built an independent multi-agent automation engine with a fast, low-memory Go terminal UI rendering workflow telemetry in under 50ms.
- Engineered deterministic job deduplication and configured automated CodeQL and SBOM CI/CD pipelines.

AI-Powered PR Reviewer - [Code](#) | *Python, GitHub Webhooks, Pydantic*

Apr 2026

- Built an event-driven LLM-assisted code review system that processes GitHub webhooks and generates structured, line-level PR feedback.
- Designed a deterministic diff-chunking engine to parse multi-file Git diffs up to 32k tokens without context overflow.
- Enforced Pydantic v2 schemas and HMAC-SHA256 verification to deliver validated, structured review comments in under 15 seconds.

EDUCATION

National University of Computer & Emerging Sciences (FAST-NUCES)

Pakistan

Bachelor of Science in Computer Science

Sep 2021 – Jun 2025

TECHNICAL SKILLS

AI & LLM: LLM Applications, RAG, Agentic Systems, FAISS, Pytest/Evals, Structured Outputs, Tool Calling, STT/TTS, Audio Streaming

Languages: Python, TypeScript, JavaScript, Go, SQL

Backend & Infrastructure: FastAPI, Node.js (Express), Flask, PostgreSQL, Supabase, Redis, Prisma, WebSockets, REST APIs, Docker, GitHub Actions CI/CD

Frontend: Next.js (App Router), React, Tailwind CSS, HTML5/CSS3

Other: Twilio Media Streams, Swagger, HMAC Authentication, DigitalOcean