Mohammad Alman Farooqui

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TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, TypeScript, SQL, HTML/CSS

Frameworks: React, FastAPI, Node.js, Next.js, Flask, Express, LangChain

Technologies and Tools: Git, Supabase, Firebase, PostgreSQL, MongoDB, Docker, AWS EC2, RAG, TensorFlow, TF-IDF, FAISS, Hugging Face, Scikit-learn, VS Code, Jupyter Notebook, Visual Studio

Domains and Expertise: Natural Language Processing(NLP), Machine Learning(ML), Cloud Computing, Web Development

PROJECTS

CabMate | Python, FastAPI, React, MongoDB, Docker, AWS EC2, Google Maps API   **GitHub** — **Live**
- Architected a Dockerized microservices-based platform for campus mobility, cutting ride coordination time by **60%** versus manual chat-based workflows
- Built location-aware matching using MongoDB geospatial indexing and RBAC, enabling secure driver–passenger coordination with role-gated actions

FeedbackPulse | Next.js, React, TypeScript, Node.js, Express, PostgreSQL, Prisma, Gemini AI   **GitHub** — **Live**
- Developed a plug-and-play feedback collection devtool with an embed script + projectKey flow, enabling integration in **less than 2 minutes** across multiple web properties
- Shipped JWT + Google OAuth auth, server-driven pagination (**10+** records/page), domain allowlisting, webhooks, and Gemini-based sentiment tagging for faster triage

MindScribe | React, TypeScript, FastAPI, LangChain, Google Gemini, TailwindCSS   **GitHub** — **Live**
- Built a RAG-powered mental wellness assistant using FAISS + Gemini 2.0, improving retrieval relevance by **35%** compared to baseline keyword search
- Optimized UX with streamed responses and responsive UI components, reducing perceived latency by **40%** and increasing session time

EXPERIENCE

TEDx Manipal University Jaipur | Core Committee (Content Team)   Jul 2025 – Nov 2025
- Crafted speaker narratives and event content for **6** sessions, maintaining consistent messaging across Instagram and WhatsApp campaigns
- Improved post clarity and engagement by refining hooks, captions, and content structure, increasing average interaction consistency by **25%** across weekly posts

ACHIEVEMENTS

1st Runner-Up in GDG TechSprint Hackathon   *Manipal University Jaipur*
- Secured 1st Runner-Up position by building **FeedbackPulse**, a SaaS devtool for collecting and managing user feedback via an embeddable widget and admin dashboard
- Implemented cross-domain widget embedding, authentication, and production deployment on Netlify (frontend) and Render (backend)

Hackathon Finalist   *Manipal University Jaipur*
- Selected among the top 17 finalist teams out of 480 in a Pixel Art–based hackathon conducted by IEEE RAS MUJ

EDUCATION

Manipal University Jaipur   Jaipur
B.Tech in Computer Science (AI & ML) — CGPA: 8.79   *2024 – 2028*
Relevant Coursework: Object-Oriented Programming, Database Management Systems, Data Structures and Algorithms