

Mohammad Alman Farooqui

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EDUCATION

Manipal University Jaipur

B.Tech in CSE with specialization in AI and ML (Current CGPA: 8.78)

Jaipur

2024-2028

EXPERIENCE

TEDxManipal University Jaipur | Core Committee (Content Team)

July 2025-Present

- Developing and executing the event's comprehensive content strategy, from speaker storytelling to promotional copy, to create a cohesive and impactful brand narrative.

LITMUS MUJ | Junior Committee (Events and Logistics)

Jan-June 2025

- Aided in organizing and promoting events of LITMUS i.e. literary club of college

PROJECTS

Policy LLM | FastAPI, Python, Gemini API, TF-IDF, PyPDF2, FAISS, LangChain

- Built an AI-powered insurance policy analyzer using RAG architecture with Google Gemini 1.5 Flash for processing complex policy documents and answering natural language queries
- Implemented optimized document retrieval system with TF-IDF vectorization and semantic search, reducing query response time to under 4 seconds while processing 80+ page policy documents

Jolly LLM | Javascript, Vite, React, Node.js, Express.js, HTML, CSS

- Developed a full-stack web application using Node.js, Express, and Vite to generate dual-sided legal arguments from AI models
- Integrated Groq's LLaMA 3 (Mixtral) API to simulate courtroom-style reasoning for user-provided case prompts

NewsLens | React, Groq (LLaMA 3), NewsAPI, Netlify

- Built a web app that analyzes live headlines for sentiment and political bias using Groq-hosted LLaMA 3 models
- Designed a responsive, modern UI with prompt suggestions, color-coded results, and secure deployment via Netlify

Task Companion | React, Node.js, Express, Firebase, Google Calendar API, Flask

- Built a full-stack productivity app that lets users create tasks, which are automatically scheduled on Google Calendar
- Integrated Firebase and Omnidimension AI to persist tasks and trigger voice call reminders based on natural language input

ACHIEVEMENTS AND CERTIFICATIONS

Hackathon Finalist

IEEE RAS MUJ

Manipal University Jaipur

- Selected as one of the 17 finalist teams out of 480 teams in Pixel Art based hackathon
- Deployed the frontend and backend of the webapp within 24 hours on free hosting platform, i.e. Netlify and Render

Foundational C# with Microsoft

Microsoft

Online

- Gained hands-on experience with object-oriented programming, exception handling, and data types in C#
- Built and debugged console applications using Visual Studio and .NET to reinforce foundational skills

TECHNICAL SKILLS

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

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

Developer Tools: Git, Firebase, VS Code, Visual Studio

AI/ML Technologies: LLM APIs, TF-IDF, FAISS, PyPDF2, Scikit-learn, HuggingFace, RAG