Aryan Trivedi

+91-9140535424 – Website – Mail – GitHub – LinkedIn

ABOUT ME

I am passionate about learning and constantly seek opportunities to expand my knowledge and improve my skills. My proactive approach helps me tackle challenges effectively while contributing meaningfully to collaborative efforts.

PROJECTS

WhatsApp Chat Analysis – Real-Time AI-Powered Chat Insights

- Built a **Flutter app** that processes and analyzes **exported WhatsApp chat data**, with **custom text sanitization** and formatting logic.
- Integrated a **custom API** using **Google's Gemini 2.0 Flash model** for **real-time sentiment and topic analysis**.
- Implemented **manual preprocessing** to clean raw chat logs, handling timestamps, sender names, and multiline messages.
- Designed a **responsive, intuitive UI** for chat input and visualized analysis results.

Synapse – Intelligent Conceptual Blueprinting & AI Knowledge Engine

- Developed a **Next.js + TypeScript** web application that transforms abstract topics into **structured conceptual blueprints**, enabling focused knowledge work.
- Engineered **intelligent scaffolding** using **Google Gemini** with advanced meta-prompting to generate hierarchical maps from minimal user input.
- Implemented **React Flow** for dynamic graph rendering, supporting node editing, rearrangement, and pruning via a custom ⌘+K command palette.
- Automated **web research and synthesis** by integrating **Serper API**, real-time scraping tools, and an AI summarizer for Markdown-cited content.
- Enabled **professional export** of blueprints and final content to PDF.

EDUCATION

Indian Institute of Information Technology Ranchi, Jharkhand
Bachelor of Technology, Computer Science and Engineering, **CGPA: 9.22**   (August 2024 - Present)

Stella Maris Inter College, Lucknow
Indian School Certificate (XII), **Percentage: 91%**   (May 2023)

Stella Maris Inter College, Lucknow
Indian Certificate for Secondary Education (X), **Percentage: 97%**   (July 2021)

ACHIEVEMENTS

- Recipient of **Reliance** Foundation Undergraduate Scholarship, 2024-2025
- Recipient of **Appinventiv** Edu Boost Scholarship, 2024-2025

SKILLS

- **Technical:** Dart, Flutter, Typescript, Firebase, PostgreSQL
- **Framework:** Node.js, Bun, Express.js, Next.js, React,js
- **Tools:** Git, GitHub, Postman, Figma, PowerPoint
- **Soft Skills:** Effective Communication