Syed Atif Hussain

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EDUCATION

VIT Bhopal University   2022 – 2026
Bachelor of Technology (Computer Science Engineering)   *CGPA: 8.70*

St.Peter's College, Agra   2021
ISC (Class XII)   *96.25*

St.Peter's College, Agra   2019
ICSE (Class X)   *96.80*

EXPERIENCE

Space Tech Entrepreneur Intern

India Space Lab   *December 2024-January 2025*

- **Researched CubeSat missions, CanSat prototypes, drone navigation, and astronomy applications** to identify potential use cases.
- **Contributed ideas in brainstorming sessions** on space entrepreneurship and prototype development for innovation-driven solutions.

PROJECTS

HealthVerse: Mental Wellness Platform | *MERN + AI Project*

- **Built a wellness app** featuring an **AI-powered chatbot (Google Gemini API)** for healthcare-specific conversations with context management and domain filtering.
- **Integrated mood tracking, cognitive games, meditation tools, and personalized wellness features** to enhance user engagement, monitor mental health, and promote overall well-being.
- **Implemented a secure MERN stack** with JWT authentication and RESTful APIs, designing a responsive UI with Tailwind and Framer Motion.

Survey App: Customer Feedback Platform | *MERN Project*

- **Developed a secure survey platform** with JWT authentication and CAPTCHA protection, enabling safe and reliable collection of user feedback while maintaining data integrity.
- **Created a responsive survey builder** supporting MCQs, ratings, and text inputs, enabling easy creation of customized surveys and an **admin dashboard** to efficiently manage, analyze, and visualize survey responses for actionable insights

ACHIEVEMENTS

Spot-Prize Winner of GenAI Hackathon | Advent of Multimodal AI Hack-24   Dec 2024
Intel Liftoff for AI Startups

- **Developed a multimodal AI solution** using PHI3 (for refined, engaging text) and FLUX (for cohesive visuals), with PHI3 integrated into PIL to seamlessly merge text and images for branded content.
- **Utilized multimodal LLMs** and structured prompting to handle text-image generation tasks efficiently.

Lead, VITBMUN Club   Feb 2024 - Dec 2024
Content Team |VIT Bhopal

- Created and managed content for MUN events and conferences, ensuring brand consistency, engaging members via social media and blogs, and maintaining quality through careful editing and proofreading .

TECHNICAL SKILLS AND CERTIFICATIONS

Programming & Development: Java, Python, JavaScript, HTML/CSS, PHP, DSA
Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, LangChain, XAMPP, Framer Motion, Tailwind CSS, | **Databases**: MySQL, Oracle, MongoDB | **Tools:** Git/GitHub, Postman, Figma, API Integration
AI & Machine Learning: Google Gemini API, PHI3 (LLM), FLUX (Multimodal AI), Multimodal LLMs, Generative AI, Prompt Engineering, NLP, Retrieval-Augmented Generation (RAG),
Cloud & DevOps: AWS (Basics), Google Cloud (Basics), REST APIs, JWT Authentication
Certifications: Cloud Computing (NPTEL), Google Networking Fundamentals, Marketing Analytics (NPTEL), iamneo -Data Science with Python, Java Basic - HackerRank