

IKRAMUL HASAN

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EDUCATION

B.Tech(IT) - <i>National Institute of Technology, Srinagar</i>	2023-2027
Intermediate - <i>VVM Inter College, Pervcentage - 82.4</i>	2022
High School - <i>VVM Inter College, Pervcentage - 85.9</i>	2020

SKILLS

Programming Languages: C, C++, JavaScript

Frontend: HTML, CSS, Tailwind CSS, React.js

Backend: Node.js, Express.js, MongoDB

Core CS Fundamentals: OOP, DSA, DBMS, SQL

Tools and Platform: VR Story creation, Delightex, Git, GitHub, Netlify, Render, Cloudinary, Microsoft 365, Microsoft Azure(AZ-900 Basic)

PROJECTS

1. Virtual Assistant Web App ([Available](#))

- Built secure AI voice assistant with JWT authentication and session management.
- Engineered custom prompt system for input sanitization and AI processing.
- Implemented speech-to-text and text-to-speech pipeline for real-time voice interaction.
- Integrated Gemini AI API for natural language understanding and intelligent conversational responses.
- Developed RESTful APIs using Node.js and Express.js with robust error handling and request validation.
- Built a structured JSON-based AI response protocol to ensure consistent and machine-readable outputs.
- Engineered a rule-based intent classification system to dynamically map user queries to predefined action types (e.g., search, app launch, system commands).
- **Tech Stack:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JavaScript, JWT, Gemini API, Web Speech API, REST API, Git/GitHub, Render.

2. KR.AI – Autonomous Meeting Intelligence Agent ([Available](#))

Built an AI assistant that converts unstructured meeting conversations into actionable insights using GenAI and LLMs

- Implemented summarization, task extraction, and context-aware decision-making using OpenAI/Gemini models.
- Built a Chrome Extension to process live Zoom calls in real time and integrated RAG for contextual memory.
- Supported multi-format input (.mp3, .txt) with one-click sharing to email.
- **Tech Stack:** React, Tailwind CSS, FastApi, OpenAi, AssemblyApi, Open router, Render, Vercel
- **My Role:** React, Tailwind CSS, Git/GitHub, APIs, Deployment.

3. World Atlas Web App ([Available](#))

- Built a responsive country information app using React.js and Vite, powered by REST Countries API.
- Implemented search, region-based filtering, and detailed country view with real-time data (population, native name, capital, currency, region, language etc.).
- **Tech Stack:** React.js, Vite, CSS, REST API, Countries API, Netlify

4.Portfolio ([Available](#))

EXPERIENCE

1. Research and Tech Intern

15 Dec, 2025 - 30 Jan, 2026

Developed immersive VR-based storytelling environments, systematically customizing virtual scenes, characters, interactions, and animations to ensure consistency with the experimental hypotheses and research objectives. In parallel, implemented web-based components using the MERN stack to support the digital infrastructure and experimental workflow.

AWARDS AND ACHIEVEMENT ([Available](#))

- **Hackathon - Unstop Flipr Generative AI Hackathon Winner** 25 July to 28 July, 2025
- **Selected as Open Source Contributor at GSSoC 2025**
- **Solved 400+ Data Structures and Algorithms (DSA) problems**
- **TEDx - Graphic Design Team Member**