

IKRAMUL HASAN

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OBJECTIVE

Aspiring software developer and B.Tech (IT) student with practical experience in Web-Development and Data Structures and Algorithms. Eager to contribute to the evolving world of technology while gaining real-world experience, mentorship, and insights into digital innovation and governance.

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

Others: VR Story creation, Delightex, Git, GitHub, Netlify, Render, 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

AWARDS AND ACHIEVEMENT ([Available](#))

- **Hackathon - Unstop Flipr Generative AI Hackathon Winner** 25 July to 28 July, 2025
Hackathon Winner with All India Rank 1 (Platinum rank) at the Unstop Flipr Generative AI Hackathon.
- **Open Source Contributor at GSSoC 2025**
Selected as a Contributor for GirlScript Summer of Code (GSSoC) 2025.
- **Solved 400+ Data Structures and Algorithms (DSA) problems**
- **TEDx - Graphic Design Team Member**
- **Joint Entrance Examination (JEE) Main 2023 - 97.27 Percentile**