VISHNU J

BCA – Bachelor of Computer Applications

About Me

Recent Computer Applications graduate with a strong foundation in Java and basic familiarity with HTML, CSS, and JavaScript. Passionate about creating intuitive user experiences and committed to continuous learning in the ever-evolving tech landscape. Actively seeking an entry-level developer role where I can apply my skills, contribute to meaningful projects, and grow within a collaborative team environment.

Technical Skills

- HTML & CSS
- JavaScript
- Java
- Git

Education

BCA – Bachelor of Computer Applications
Institution: Bharath Institute of Higher Education and Research
Year: 2023 – 2025
Score: 8.0 CGPA

Diploma in Computer Engineering
Institution: Bharath Polytechnic College
Year: 2018 – 2020
Score: 81%

12th Grade (HSC)
Institution: Valluvar Gurukulam Hr. Sec. School
Year: 2018
Score: 59%

10th Grade (SSLC)
Institution: Valluvar Gurukulam Hr. Sec. School
Year: 2016
Score: 80%

Academic Project

Project Title: DataSpeak AI – AI-Powered Multi-modal Question Answering System

Final Semester Project | Group Project

Tech Stacks: HTML, CSS, JavaScript, FastAPI,FAISS,SQLite,NVIDIA API,AssemblyAI,Llava

Project Description:

Developed a full-stack web application that allows users to upload images, audio, and documents to ask context-aware questions.

Integrated AssemblyAI for advanced audio transcription, enabling users to convert speech to text and query based on the transcribed content.

Implemented intelligent image-based question answering using the Llava multimodal model, allowing users to select specific images to enhance context for their queries.

Built a semantic search system using FAISS for fast and efficient retrieval of relevant information from embedded content.

Utilized SQLite to persist user queries and responses, maintaining a consistent conversational history for each user session.

Designed an interactive and user-friendly interface with HTML, CSS, and JavaScript.

Developed and managed the FastAPI backend for handling API requests, coordinating model inference, and serving responses.

Integrated NVIDIA's language model API for robust natural language understanding and accurate answer generation

Declaration

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place: Chennai
Date:

(Signature)
Vishnu J