**JANANI ASOKAN**

+91-6383495030 | Tamil Nadu, India | [jananiashokse@gmail.com](mailto:jananiashokse@gmail.com)

[LinkedIn](https://www.linkedin.com/in/janani-asokan-71a515305/) | Portfolio | [GitHub](https://github.com/jananiship) | [Medium](https://medium.com/@ChicaTechHub) | [HashNode](https://hashnode.com/@jananiasokan) | [LeetCode](https://leetcode.com/u/asmosaja/)

**EDUCATION**

**Vellore Institute of Technology**

Integrated MTech Computer Science and Engineering:CGPA:8.31/10

XII KSR school, Madhanur

X KSR school, Madhanur **TECHNICAL SKILLS**

Vellore, Tamil Nadu Expected *Graduation:****2026***

Percentage 92.5%

Percentage 93.4%

**Languages**: C/C++, TypeScript, JavaScript, Python, Java, HTML, CSS, Tailwind CSS **Frameworks**: NextJS, ReactJS, ExpressJS, NodeJS, MongoDB, CoughDB, SQL

**Developer Tools**: Git, Docker, GitHub, Kubernetes, Ansible, Terraform, Amazon AWS, VS Code, Visual Studio,Figma

**Core Skills:** Data Structures and Algorithms, Problem Solving, Operating Systems, Computer Networks, Object Oriented Programming, Rest API, Linux, Attention To Detail and Problem Solving Skills.

**EXPERIENCE**

**Drone Start Up Company | UI/UX DESIGN and Frontend** May 2024 – Present

• Developed a **UI/UX Design** for whole website

• Utilized the **MERN** stack (MongoDB, Express.js, React, Node.js) to build robust **front-end** interfaces and seamless **back-end API integration**, contributing to a scalable and maintainable product architecture.

• Collaborated in a cross-functional team, taking **ownership** of key projects and delivering high-impact features, directly contributing to product development and market success.

**PERSONAL PROJECTS**

**ScrapeTalk: Chatbot Conversation with Web Scraped Insights** | [**[GitHub]**](https://github.com/jeetkanodia/MentalHealth-frontend)  August 2024

Langchain, OpenAI, Streamlit UI, BeautifulSoup4, WebBaseloader, chromaDB

• Developed an AI chatbot with real time-scraped data, enhancing conversational experiences and saving users up to 50% time compared to manual searches across **1 billion+ websites**.

• Implemented real-time data scraping from **1000+ URLs** using BeautifulSoup4 and **WebBaseLoader**, applied RAG Model Methodology and **LangChain** for advanced NLP, and integrated OpenAI API for **90% accurate** AI-driven responses.

• Transformed complex data into vector embeddings with **ChromaDB**, reducing data retrieval time by **40%** and ensuring efficient storage.

**WeatherApp: Live API** | ThreeJS, Tailwind CSS| [**[GitHub]**](https://github.com/jananiship/WEATHER-APP)  [[**Try it Here]**](https://weather-app-threejs.vercel.app/) September 2024

• Built a Weather App with live **3d Earth and weather information** around the globe. utilizing the **OpenWeatherMap API** to deliver **real-time weather updates.**

• Incorporated a user-friendly **city, country**-specific search function, providing comprehensive weather data like temperature, humidity, date, timing, wind speed, and clear weather icons for an enhanced user experience.

**Sarpanch: Multipurpose Discord Bot** | *Discord.js V14* | [**[GitHub]** July 2024](https://github.com/jananiship/SARPANCH/tree/main)

• Developed **”Sarpanch: Multipurpose Discord Bot”** using **Discord.js v14**, incorporating fun games, a currency system, and slash command support, with over 10,000 users and largest server having 1,900+ users.

• Implemented **rate limits** and collaborated with team to troubleshoot and resolve bugs, **enhancing security and stability** by 30%.

• Maintained and updated the bot using JavaScript, Express.js, Node.js, and Discord.js v14, ensuring **compatibility with Discord API** changes and user feedback.

**ACHIEVEMENTS**

• Participated in **ISRO Hackathon** competed with IIT People where I need to annotate **30k Moon images** and should come up with 90% accuracy using YOLO V8 [[Link](https://drive.google.com/file/d/1_Yj3XLRuygQ899tp3OqF4UMgke3M4ZAC/view)].

• More than **300 People** are using this 21MIS portal website [Link].

• Research Paper on Autonomous Vehicle Detection using Federated Learning under Review.

**LANGUAGES**

Basic French, Intermediate Chinese, British and American English, Tamil and Telugu.

**CERTIFICATIONS**

• **Postman API** (**Postman) [Link]**

• **The complete 2024 Web Development Bootcamp [**[**Link**](https://drive.google.com/file/d/1TET3SiP3dw_NN5iHlzq8k-qXPKW9d0Ni/view)**]**

• **Artificial Intelligence Accenture [**[**Link**](https://drive.google.com/file/d/1PHGUqClBUIXVTaRjJtv1UHd3Awo3t1Zy/view)**]**