

VENGATESH HARI PRABU J

FRONTEND DEVELOPER

✉ harisenthil310@gmail.com ☎ 9994391590 📍 Salem, India

🌐 [linkedin.com/in/vengatesh-hari-prabu-j-986b63200](https://www.linkedin.com/in/vengatesh-hari-prabu-j-986b63200) 🐙 github.com/vengatesh2002

🔗 <https://vengateshhariprabuportfolio.netlify.app/>

PROFILE

Information Technology graduate with hands-on experience in React.js, JavaScript, and Python. Passionate about building scalable web applications and solving technical challenges. Seeking an opportunity to contribute in a dynamic development team.

EDUCATION

B.TECH - INFORMATION TECHNOLOGY

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

CGPA - 8.78*

2020 – 2024

Erode, India

PROJECTS

EXPENSE TRACKER APPLICATION 🔗

01/2025 – 02/2025

- Developed a responsive Expense Tracker web application using React.js, Redux, and Firebase for efficient financial management.
- Implemented user authentication with Firebase for secure login and sign-up. Users can add, edit, and delete expenses, stored in Firestore for real-time access.
- Integrated Chart.js/Recharts for visual insights and used Redux for state management, ensuring a seamless user experience.

PLANETARY BODIES IDENTIFICATION 🔗

12/2023 – 03/2024

- Engineered a computer vision system to accurately detect and localize celestial bodies in astrophotographs using a dual-model approach.
- Integrated Inception for classification and MobileNet for object detection, and built a user-friendly web application for astrophotograph uploads and comparisons using HTML, CSS, and JavaScript.
- Utilized OpenCV and TensorFlow to enhance image preprocessing, feature extraction, and model accuracy for improved celestial body recognition.

TEXT TO SPEECH CONVERTER USING HANDWRITTEN SCRIPTS 🔗

07/2023 – 11/2023

- Developed a Text-to-Speech Converter for handwritten script recognition, integrating Google Text-to-Speech API for high-quality speech synthesis.
- The system processes handwritten text, converts it into digital format, and generates natural-sounding speech output.
- Implemented OCR-based text extraction for accurate recognition and speech customization features to enhance user experience.

SKILLS

FRONTEND

React.js, Redux, Bootstrap 5, HTML5, CSS3

BACKEND

Firebase, REST API

DATABASE

My SQL, MongoDB

PROGRAMING LANGUAGES

Python, JavaScript

Tools

Git/GitHub

INTERNSHIPS & TRAINING

MERN STACK TRAINING

Besant Technologies, Chennai |

11/2024 – 02/2025
Chennai, India

- Built full-stack applications using React.js, Node.js, Express.js, and MongoDB.
- Worked with REST APIs, user authentication, and Redux state management.
- Developed a mini-project integrating Firebase for real-time database operations.

CERTIFICATES

- Interactivity with JavaScript
- Python Course for Beginners
- Advanced React.js

LANGUAGES

ENGLISH | TAMIL | HINDI