

# HARIHARASUDAN V

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Portfolio | LinkedIn | GitHub

## EDUCATION

### Kalasalingam Academy of Research and Education

Computer Science and Engineering Bachelor

CGPA: 8.03

Virudhunagar , KrishnanKoil - 626126

September 2022 - July 2026

### XII Grade - DR.G.S.Kalyanasundaram Memorial School CBSE

2021 - 2022

Kumbakonam 612703

### X Grade - DR.G.S.Kalyanasundaram Memorial School CBSE

2019 - 2020

Kumbakonam 612703

## EXPERIENCE

### Rinex Technologies | Web Development Intern

January 2024 - March 2024

- Completed a certified internship in web development with Rinex Technologies and Future Netwings.
- Built responsive user interfaces using HTML, CSS, and JavaScript.
- Worked on live project modules and implemented key web components.
- Gained hands-on experience in frontend frameworks and Git-based version control.
- Internship recognized by Entrepreneurship Cell, IIT Bhubaneswar.

## SKILLS

Programming Languages: Java, python

Libraries/Frameworks: JavaScript, React, React Native Expo, Next.js, Tailwind.css, BootStrap, HTML

Tools / Platforms: Git, VS code, Cursor, Tableau

Databases: MySQL

## PROJECTS / OPEN-SOURCE

### ShareWheels

Expo (React Native) , FireBase , Google API's

A comprehensive carpooling platform designed for both urban and intercity travel. The app allows users to post and join rides in real-time, with built-in features for location-based ride matching, driver verification, and secure booking. Focused on reducing traffic congestion and carbon emissions, ShareWheels supports scheduling options, route optimization, fare splitting, and SOS emergency support. The UI is optimized for mobile use with seamless Firebase integration to handle ride data, user profiles, and real-time updates.

### Blood Donor Application

Firebase Realtime Database , Expo (React Native).

Developed a mobile application to connect blood donors with seekers based on blood group and proximity. Seekers can post emergency blood requests by specifying required blood type, hospital name, and location. The app automatically filters and notifies potential donors in the vicinity using real-time alerts. Incorporated user authentication for secure logins and role-based access for donors and seekers. Designed an emergency-focused, fast-loading user interface with a search and filter feature for blood types. Also included donor history tracking and confirmation updates post-donation.

### LexiAI

React Native, Expo, Firebase, Google Gemini AI

AI-Powered Legal Document Summarization & Bias Detection App. A cross-platform mobile app built with React Native and Expo integrating Google Gemini AI and Firebase. Enables document upload, AI-driven summarization, bias analysis, user authentication, profile management, and history tracking within a responsive dark-themed UI.

Keywords: React Native, Expo, Firebase, Google Gemini AI, AI Summarization, Bias Detection, Secure Authentication, Dark Theme, Cross-platform App.Key Features: User Authentication, PDF/TXT Document Upload, Real-time Summarization, Bias Type Detection, Dashboard Stats, Profile and History Management.

**HomiesHere***Firebase(Real Time Database ) , Expo(React Native)*

real-time messenger app enabling seamless communication with modern UI and cross-platform compatibility. Built using Firebase and React Native with Expo. Includes features like user authentication, message storage, chat history, and push notifications for instant updates. Designed to ensure low-latency messaging, real-time sync across devices, and a clean, responsive chat interface. Also features user presence indicators, media sharing, profile customization, and group chat capabilities. The app includes message status indicators (sent, delivered, seen), and supports emoji reactions and dark/light theme switching for better user experience

**CLV ANALYSIS DASHBOARD***Tableau Public Edition, Excel Data Source*

Designed an interactive dashboard using Tableau Public to analyze Customer Lifetime Value (CLV) across various dimensions including gender, age group, region, product category, and referral sources. The dashboard includes segmented visualizations for CLV trends, purchase frequency, average CLV, and customer distribution across India. Key Features: Dynamic filters for gender, age, product, and region; donut and bar charts; line graph for time-series CLV; heat map of India; CLV segmentation tiers. Tools Used: Tableau Public Edition, Excel Data Source

**CERTIFICATIONS**

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- Oracle Certified Foundations Associate - Oracle.
- Programming with Python 3.X - Simplilearn.
- Top Engineers Workshop: Data Science with Python - Top Engineers.
- Participated in the KRIYA2K5 Hackathon, PSG Tech, Coimbatore - PSG.