# Harsha Y

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## SUMMARY

Enthusiastic and motivated Computer Science & Engineering fresher with solid knowledge of front-end development using React.js and a strong passion for Artificial Intelligence. Eager to apply my skills in building interactive user interfaces and exploring AI-powered applications. Seeking an opportunity to contribute to impactful software projects while continuously learning and growing as a full-stack and AI developer.

## TECHNICAL SKILLS

**Programming Languages**: C++, Python, Java

**Web Technologies**: React.js, Tailwind CSS, Flask, Axios / Fetch API

**Others**: Git, OOPS, OS, DBMS

## PROJECTS

### AI Trip Planner                                                                                             Project Link
*React.js, Tailwind CSS, Gemini AI API, Firebase Firestore*
- The AI Trip Planner is an intelligent travel planning application designed to streamline and personalize the process of organizing trips. Built using **React**, **Firebase**, and powered by **Gemini AI**, the application provides *customized itineraries, hotel and activity recommendations, route optimization, and secure user management* - all in one seamless platform.

### Real Time Chat-App                                                                                          Project Link
*React, HTML, CSS, Node.js, Express, Socket.io*
- This project is a Real-Time Chat Application built using **React, Node.js, Express, Socket.io**. It allows users to chat instantly with one another over the internet without the need for mobile numbers, just using a unique room ID and IP-based connection.

### Fake Currency Detection                                                                                     Project Link
*Python, Streamlit, OpenCV (cv2), NumPy, PIL, Matplotlib*
- This project is a **Streamlit-based web application** for verifying the authenticity of currency notes using computer vision techniques. It compares a scanned or photographed currency note with a reference image of a genuine note and performs multiple image processing checks to detect counterfeits.

## EXPERIENCE

### Web Development & Data Science Intern                                                   Sep 2024 – Dec 2024
*Contriver Technologies*                                                                                         *Bengaluru*
- Built a Flask-based web application for detecting **Fake product reviews** using Machine Learning and Deep Learning models.
- Designed a responsive frontend interface using HTML, CSS, and Flask routes for real-time interaction.
- Gained exposure to real-time deployment, scalability, and integration of ML with web applications.

### AI & Data Analytics Trainee                                                            Nov 2023 – Dec 2023
*IBM SkillsBuild – Edunet Foundation*                                                                            *Bengaluru*
- Developed AI-powered solutions using IBM Watson Assistant and IBM Cloud.
- Conducted Exploratory Data Analysis (EDA) using Pandas, Seaborn, and Matplotlib to visualize and interpret datasets.
- Learned fundamentals of data visualization.

## EDUCATION

**B.E – Computer Science & Engineering**                    Bengaluru
*Acharya Institute of Technology*                                2025
  • **CGPA:** 7.72

**Diploma – M.E**                                            Bengaluru
*MEI Polytechnic*                                                2021
  • **Aggregate:** 73.5%

**SSLC (10th Grade)**                                       Bengaluru
*Sainik Public School*                                           2018
  • **Percentage:** 86.24%

## ACHIEVEMENTS

• Secured Global Rank 3065 in TCS CodeVita 2024 [Certificate]