

Harsha Y

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SUMMARY

Computer Science Engineering graduate specializing in **React.js and modern front-end development**, skilled in **JavaScript, HTML5, CSS3, and Responsive Design**. Strong foundation in **front-end development, REST API integration, full-stack web applications, and Quality Assurance (QA)**. Experienced in building scalable apps, writing clean code, and delivering user-focused solutions with measurable impact. Passionate about **QA, testing, and ensuring software reliability** alongside front-end development. Seeking a Front-End Developer role to contribute technical expertise, creativity, and quality-focused development.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), Python, C++, Java

Frontend: React.js, Redux, Tailwind CSS, HTML5, CSS3, Responsive Design, Cross-Browser Compatibility

Backend: Flask

Databases: MySQL, Firebase Firestore

Developer Tools: Git, GitHub, REST APIs, Agile, Scrum, VS Code

Quality Assurance: Manual Testing, Unit Testing, Debugging, QA Practices, Test Case Design

PROJECTS

AI Trip Planner

React.js, Tailwind CSS, Gemini AI, Firebase

Built an AI-powered trip planner reducing itinerary creation time by **50%** for test users.

Integrated APIs (weather, maps, hotels) handling **1000+ queries** with response time under 200ms.

Implemented Firebase authentication for secure user management (200+ test users).

GitHub: github.com/harsh24y/React-AI-Trip-Planner

Real-Time Chat App

React, Node.js, Express, Socket.io

Developed chat app supporting **200+ users** with <100ms message latency.

Implemented room-based chat and IP-based connections without phone numbers.

Optimized responsive UI, improving mobile usability by **30%**.

GitHub: github.com/harsh24y/Chat-App

Fake Currency Detection

Python, Streamlit, OpenCV, NumPy, PIL, Matplotlib

Created ML-based web app to verify authenticity of currency notes using image processing.

Achieved detection accuracy of **85–90%** using feature-matching algorithms.

Designed Streamlit interface allowing upload & comparison against reference notes.

GitHub: github.com/harsh24y/Fake-Currency-Detection

EXPERIENCE

Frontend Developer Intern <i>IBM SkillsBuild – Edunet Foundation</i> Worked on solving real-world frontend development problems provided by mentors. Developed and deployed mini-projects using React.js, HTML, CSS, and JavaScript . Gained hands-on experience in UI/UX design, responsive development, and debugging. Collaborated with peers in Agile environment, completing all assigned tasks and deliverables on time.	Aug 2025 – Oct 2025 <i>Remote</i>
Web Development & Data Science Intern <i>Contriver Technologies</i> Built Flask-based ML web app detecting fake product reviews with 92% accuracy on 1,500+ reviews. Developed responsive front-end using HTML/CSS, improving page load time by 25% . Collaborated with 4-member team on real-time deployment and scalability improvements.	Sep 2024 – Dec 2024 <i>Bengaluru</i>
AI & Data Analytics Trainee <i>IBM SkillsBuild – Edunet Foundation</i> Developed 3+ chatbot prototypes using IBM Watson Assistant, improving accuracy by 30% . Performed EDA on datasets (20k+ rows) uncovering insights that boosted model accuracy by 15% . Presented results to mentors, receiving recognition for data visualization quality.	Nov 2023 – Dec 2023 <i>Bengaluru</i>

EDUCATION

B.E – Computer Science & Engineering <i>Acharya Institute of Technology, Bengaluru</i>	2025 <i>CGPA: 7.83</i>
Diploma – Mechanical Engineering <i>MEI Polytechnic, Bengaluru</i>	2021 <i>Aggregate: 73.5%</i>
SSLC (10th Grade) <i>Sainik Public School, Bengaluru</i>	2018 <i>Percentage: 86.24%</i>

CERTIFICATIONS & ACHIEVEMENTS

- Secured Global Rank 3065 in TCS CodeVita 2024 [Certificate]
- Introduction to Agile Development and Scrum (Coursera) [Certificate]

CODING PROFILE

- LeetCode:** leetcode.com/u/harshakala8867
- CodeChef:** codechef.com/users/harsha24y