

Ridhi Agarwalla

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EDUCATION

Vellore Institute of Technology, Chennai, India

2022-Present

Bachelor of Computer Science and Engineering

CGPA: 8.85/10

Rotary Public School, Odisha, India

April 2019-May 2022

Class-XII, Class-X - Central Board of Secondary Education (CBSE)

Percentage:87.2% (XII) 95.4%(X)

EXPERIENCE

MEDXAI

May' 27 2024 –August' 25 2024

Project Intern

Chennai, Tamil Nadu, India

Developed a **react-native android app** which include the following features:

- Doctor Video Call : Remote consultations and follow-up appointments.
- Connect to Family : Voice, calls and messaging.

SAMSUNG R&D Institute India

August' 10 2024 - January' 10 2025

PRISM Intern

Bengaluru, Karnataka, India

- Developing a resilient digital watermarking method for identifying AI generated Images.

PROJECTS

SMART INDIA HACKATHON

Sept 2023-Oct 2023

Github link: <https://github.com/ridhiagarwalla/2framebased-magnification>

- Developed a 2-frame deep learning model and created phase-based amplified motion videos using complex steerable pyramid decomposition. Additionally, we explored vibration analysis through the fast Fourier transform mechanism.

SAMSUNG R&D Institute India

April 2024 – July 2024

- Developed a Fire safety mobile app using Unity that makes fire safety planning both easy and engaging. Users can create comprehensive fire safety plans with an interactive and fun interface.

SMART INDIA HACKATHON

Sept 2024-Oct 2024

Github link: <https://github.com/ridhiagarwalla/kaamyabi>

- Developed a Comprehensive Platform combines AI-driven job matching, skill gap analysis, and personalized learning pathways to recommend jobs and targeted training courses. It also features real-time job market insights, skills verification, resume building, and community support to enhance job seekers' competitiveness.

REAL TIME MULTIMODAL EMOTIONAL RECOGNITION

Oct 2024-Nov 2024

- We developed a multimodal emotion recognition platform to analyze the emotions of job candidates. We analyze facial, vocal and textual emotions, using mostly deep learning based approaches. We deployed a web app using Flask.

TECHNICAL SKILLS

Technical Skills: ReactJS, Next.js, MongoDB, Node.js, Express.js, Git, Postman, Firebase, MySQL, AR/VR, React Native, HTML5/CSS

Programming Languages: Java, JavaScript, TypeScript, Python, C++, C, SQL

Soft Skills: Leadership, Communication, Public Speaking, Team Work

POSITION AND RESPONSIBILITY

Asst Content Lead, HLA, VIT Chennai

Nov 2022-May 2024

CERTIFICATIONS

Link :- <https://drive.google.com/drive/folders/1BF8bVVTho6I6bR2to7AJYW6r2dn417VX?usp=sharing>

LANGUAGES

1.English 2.Hindi 3. Odia 4.Spanish