

# RAGHUL PRASANNA.B

ENTRY-LEVEL SOFTWARE DEVELOPER | PASSION FOR CODING &  
PROBLEM-SOLVING

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## ABOUT ME

I am a Computer Science Engineering student with strong leadership and communication skills and a passion for front-end development. I am good at team management, problem-solving, and adaptability, ensuring efficiency in every task. As a front-end developer, I focus on creating user-friendly and visually appealing designs. My strong work ethic, dedication, and eagerness to learn drive me to continuously improve. With a positive attitude and goal-oriented mindset, I strive to make a meaningful impact in every endeavor

## EDUCATION

**2008-2022**

Sri Sankara Vidyalaya Mat  
Hr Sec school, chennai

SSLC Board-**76%**    **2019-2020**  
HSC Board-**89%**    **2021-2022**

**2022-2026**

KCG College Of  
Technology, Chennai.

**Bachelor of Computer Science and Engineering**  
4th year **CGPA-8.47**

## SKILLS

- FrontEnd Development with React.js
- Python with basic of Flask
- Data Analytics-Power BI(tool)
- C programming
- Machine learning
- UI/UX design(Figma)

## PROJECTS

## LANGUAGES

- Tamil
- English

## HOBBIES

- Travelling
- Stargazing
- Playing Cricket
- Watching Movie

### Beat Aware — Heart Attack Detection and Prediction

- Developed a Heart Attack Detection System using Python for analysis, an interactive UI with HTML, CSS, and JavaScript, and Twilio API for emergency alerts.
- Implemented machine learning to predict heart attack risks from health data, enabling real-time monitoring and quick response.
- Integrated AI-driven healthcare technology to enhance patient safety through predictive analysis and automated emergency notifications.
- [GITHUB Link- https://github.com/Raghulbalaji18/beataware](https://github.com/Raghulbalaji18/beataware)

### Censor AI — Nudity & Cloth Detection

- Developed an AI-driven image and video moderation system using Python, TensorFlow, and OpenCV to detect nudity and clothing patterns.
- Built a web-based platform with HTML, CSS, and JavaScript for live content analysis, ensuring real time moderation.
- Integrated deep learning models and RESTful APIs to enable precise classification and seamless content moderation for digital safety.
- [GITHUB Link- https://github.com/Raghulbalaji18/nudity-detection](https://github.com/Raghulbalaji18/nudity-detection)

## Dhanam — Food for Needy

- Developed a food delivery web application for old age homes and orphanages using HTML, CSS, JavaScript (client-side), and Python (server-side) with MySQL for donor and recipient management.
- Integrated real-time location mapping to streamline food pickup and distribution, ensuring efficient logistics.
- Implemented secure transactions with RESTful APIs and authentication, optimizing surplus food redistribution while minimizing wastage.
- GITHUB Link <https://github.com/Raghulbalaji18/dhanam>

## Zero Crash — Helmet detection & Accident SOS service

- Developed an AI-based helmet detection and accident response system using OpenCV and deep learning for real-time safety enforcement.
- Integrated an impact sensor to detect crashes and trigger emergency responses if the impact exceeds a preset threshold.
- Used Twilio API to send automated SOS messages with GPS locations to the nearest hospital, ensuring quick medical assistance.
- GITHUB Link-<https://github.com/Raghulbalaji18/accident-detection>

## Troll Guard- ML powered Abuse Detection(Social Media)

- Developed a web application using HTML, CSS, and JavaScript to detect and classify abusive or sarcastic comments.
- Trained a machine learning model using NLP techniques to identify toxicity, sarcasm, and hate speech in text data.
- Integrated AI-based content moderation for real-time detection of harmful messages, promoting digital safety and healthy communication

## ACHIEVEMENT AND PARTICIPATIONS

### HACKATHON & SYMPOSIUM

- 15 Lakhs fund for Beat Aware Project by MSME,Central Government
- Jury Favorite – Beat Aware Project, Hackathon, KCG College,Chennai.
- Runner-up – Zero Crash Project, Symposium, KCG College, Chennai.
- Finalist – Road Rever Project, Hackathon, MIT,Chennai.

### CERTIFICATIONS

- Web Development Certification
- Typewriting Course (Junior & Senior)
- Certification on Data Analytics
- MongoDB Certification
- CISCO Networking Academy Certification
- Celonis Certification on Process Mining
- Brown Belt Holder in Karate
- Hindi Course Certification

### INTERNSHIP

- Completed a one-month online internship at **Technohacks** in the domain of **Web Development**, gaining hands-on experience in front-end and back-end technologies. Worked on real-world projects, enhancing skills in HTML, CSS, JavaScript, and responsive design, while improving problem-solving and development efficiency
- Currently pursuing an internship at **MITBOT** as a **Front-End Developer**, where I am gaining hands-on experience in building responsive and dynamic user interfaces using React.js and modern web technologies.
- Currently doing an internship at **VCodez**, focusing on **Machine Learning**. I'm working on real-world projects involving data preprocessing, model training, and deploying ML solutions using Python.