

BHARATH D

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SUMMARY

Enthusiastic CS student at RVCE, eager to learn and contribute to impactful projects and develop scalable tech solutions. Skilled in coding, problem-solving, and designing efficient applications. Driven by a passion for creating scalable, user-friendly, and real-world tech solutions.

TECHNICAL SKILLS

- Programming Languages and Tools: **Java and basics of C, C++, Python**
- Backend Development: **MongoDB, SQL**
- Frontend Development: **HTML, CSS, React.js**

EDUCATION

Bachelor of Engineering in Computer Science and Engineering R V College of Engineering, Bengaluru <ul style="list-style-type: none">• CGPA: 8.89/10	2023 - Present
Pre-University Masters PU College, Hassan <ul style="list-style-type: none">• Grade: 96/100	2021 - 2023

PROJECTS

Rescue Radar - A web platform for reporting animal rescues <i>Frontend: React.js, CSS Backend: Node.js, Express.js Database: MongoDB</i> <ul style="list-style-type: none">• Developed a simple web app that connects Rescuers and Public who can report rescue cases and the rescuers available can take up and complete these rescues.	2024
Edge-Based Fruit & Leaf Disease Detection System 2025 <ul style="list-style-type: none">• Developed a Raspberry Pi 4 system with Sony IMX477 camera to detect pomegranate and grape leaf diseases using TorchScript models. Integrated Flask web interface for real-time display and SQLite for data logging.	2025
IOT and ML based Bank Crime Detection System <i>Technologies: Raspberry Pi, PyTorch, Edge ML, Convolutional Neural Networks, YOLO</i> <ul style="list-style-type: none">• Developed a an edge system that takes in surveillance videos, extracts frames and detects crime scenarios id any objects such as gun, mask, rappid movement are detected.• Trained machine learning models on dataset extracted from Roboflow universe.• Integrated the ML model with Raspberry Pi to act as an edge device.• Enabled fast response, on-device inference to ensure immediate detection without constant cloud dependency.	2025

EXTRAS

- Participated and got shortlisted in **Reverse Codex** contest which was organised by IIT Madras.
- Data Science for Engineers certification from NPTEL
- Active member of **Kannada Sangha Club** with experience in social media designs and production design, contributing to successful cultural events and festivals.
- Interested in Photography and film-making.