

GIRISH GOUDAR

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SUMMARY

Passionate Computer Science student at RV College of Engineering, skilled in coding, problem-solving, and building real-world software solutions. Eager to create impactful, scalable, and user-friendly applications in a dynamic development role.

TECHNICAL SKILLS

- Programming Languages and Tools: **C, Java, JavaScript, Git**
- Backend Development: **Node.js, Express.js, MongoDB, SQL**
- Frontend Development: **HTML, CSS, JavaScript, React.js**
- **Raspberry pi, Microcontroller LPC2148**

EDUCATION

Bachelor of Engineering in Computer Science and Engineering R V College of Engineering, Bengaluru <ul style="list-style-type: none">• CGPA: 8.57/10	2023 - Present
Diploma In Computer Science and Engineering Govt Polytechnic Vijayapura <ul style="list-style-type: none">• CGPA: 9.6/10	2021 - 2023

EXPERIENCE

React.js Intern

Arlig Technologies, Vijayapur — Jan 2024 – Apr 2024

Tech company specializing in web development services.

- Built and maintained responsive, scalable web applications using React.js.
- Translated UI/UX designs into high-quality, interactive front-end components.
- Improved functionality using reusable components and clean, modular code.
- Participated in code reviews and followed best practices in front-end development.

EXTRA CO-CIRCULAR ACTIVITIES

- Sponsorship Coordinator – 8th Mile & Kannada Habba, RVCE
- Successfully coordinated sponsorship activities for major college fests by contacting companies, drafting proposals, and helping raise funds and resources.
- Active Member – Kannada Sangha, RVCE
- Participated in organizing and promoting cultural events that celebrate Kannada literature, language, and heritage. Contributed to stage coordination, decoration, and hosting.

PROJECTS

Pet-Picks (Ecommerce website)

2024

Frontend: React.js, CSS | **Backend:** Node.js, Express.js | **Database:** MongoDB

- PetPicks is a modern e-commerce platform designed for pet lovers to conveniently shop for a wide range of pet supplies including food, toys, accessories, and grooming products. The website focuses on delivering a smooth and engaging shopping experience through clean UI, intuitive navigation, and responsive design.

AI-Based Suspicious Activity Detection System (Raspberry Pi + YOLOv8 + Firebase)

2025

- Crime Detection System – Raspberry Pi + YOLOv8
- Built a smart surveillance prototype using YOLOv8n on Raspberry Pi 4 to detect guns, masks, and rapid movement in video clips. Integrated Firebase to upload detected frames, 3-second alert videos, and threat ratings. Developed a web dashboard to upload clips and display detection results in real time.
- Tech: Python, YOLOv8, OpenCV, Firebase, Raspberry Pi, HTML/JS

Edge-Based Fruit & Leaf Disease Detection System

2025

- 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.
- Tech Stack: Python, PyTorch, TorchScript, OpenCV, Flask, SQLite, Raspberry Pi, Sony IMX477