



# SABARI KANNAN KR

## PERSONAL DETAILS

### Contact

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## LINK

LinkedIn - <https://www.linkedin.com/in/sabarikannankr>

Github - <https://github.com/sabarikannankr>

## Objective

Graduated B.Tech Computer Science student with a strong foundation in full-stack web development and AI/ML technologies. Experienced in building functional and user-friendly applications using modern tech stacks. Seeking an opportunity to apply my skills and grow in a dynamic and challenging environment.

## Education

### Bachelor of Technology (B.Tech), Computer Science

[Government Engineering College Sreekrishnapuram], [Kerala]

Expected Graduation: [2025] CGPA: [6.8]

## Technical Skills

- **Web Development:** HTML, CSS, JavaScript, Bootstrap, React, Node.js, Git & GitHub, jquery, express.js
- **Backend & Databases:** Python, MySQL, PostgreSQL, REST APIs, Credential Handling
- **Blockchain & dApps:** Internet Computer Protocol (ICP), dApp Development
- **AI/ML:** YOLO, PyTorch, TensorFlow, Hugging Face, Random Forest, GPT, DALL-E
- **Tools & Frameworks:** Git, GitHub, Jupyter, VS Code

## Projects

### 1. Fruitspector

**Tools & Technologies:** YOLOv5, OpenCV, TensorFlow, VGG16, CNN, Python

- Developed a robotic arm system for real-time fruit detection and classification using YOLOv8 and OpenCV, enabling automated sorting based on type.

- Integrated a defect detection module using CNN and VGG16 in TensorFlow to assess fruit quality, enhancing the inspection process.
- Designed the system architecture and front-end interface to coordinate object detection, defect classification, and mechanical actuation in a cohesive workflow.

## 2. Front End Web Applications

- Developed some web applications like TODO list , personal web pages etc using HTML , CSS , JS
- Integrated authentication and RESTful APIs for real-time data.

# Certifications & Courses

- Full Stack Web Development – Udemy
- Web Development – Internshala (Coursera)
- ML – NPTEL
- Best Project Award (IEEE Symposium)

# Strengths

- Fast learner with strong problem-solving skills
- Adaptable to new technologies and collaborative environments
- Passionate about building meaningful tech solutions

# Languages

- English
- Malayalam
- Kannada