



Sivaram P

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SUMMARY / OBJECTIVE

Highly motivated Computer Science and Engineering (CSE) student seeking a Software Engineering Internship role. Proven ability to design resource-efficient applications, optimize web presence, and implement creative, modern solutions in full-stack development, machine learning, and serverless architecture.

EDUCATION

College of Engineering, Adoor | Adoor, Kerala

B.Tech. in Computer Science and Engineering (CSE) | Expected Graduation: May 2027

- **Academic Record:** Percentage: 75.20% (Senior Secondary CBSE)

Sree Narayana Public School, Vadakkevila P.O | Kollam, Kerala

- Senior Secondary (XII), CBSE (2023)

Holy Trinity Anglo Indian School | Kollam, Kerala

- 10th Secondary Education (2020-2021)

TECHNICAL SKILLS

- **Programming:** Python, JavaScript, Java, C#, C++
- **AI/ML/Vision:** YOLOv8, Deep Learning, Computer Vision
- **Web/Backend:** HTML, CSS, WordPress, Google Apps Script, MS SQL Server
- **Tools/DevOps:** Git, GitHub, Linux
- **Soft Skills:** Communication Skills, Process Flows

WORK EXPERIENCE

Web Developer

IEEE SB CEA, Adoor | Feb 2025 – Present

- Managed the IEEE SB CEA website and social media handles (Instagram, Facebook, LinkedIn), ensuring consistent brand presence and timely content delivery.

- Developed new website pages and customized themes, enhancing user experience and **reducing bounce rate by 20%**.
- Published event updates within 24 hours, **boosting engagement by 30%** across platforms, and maintained **99% uptime** by regularly resolving site errors.

PROJECTS

1. Serverless Recipe Sharing Platform

Self-Initiated Web Application | May-14-2025 to May-18-2025 | Live Site:
sivaram-p.github.io/Recipe-Page/

- **Engineered a fully functional, web-based recipe-sharing platform** by successfully **bypassing traditional server and backend infrastructure** requirements to improve efficiency and reduce maintenance.
- Implemented **robust data persistence and dynamic post handling** by leveraging **Google Sheets as the primary database** and **Google Apps Script** for efficient serverless logic (JavaScript).
- The solution significantly **reduced system complexity** and provided a scalable data model without reliance on dedicated hosting or database services, while achieving real-time updates.

2. Specialized Object Detection Model

Computer Vision Research Project

- Developed a custom, high-accuracy **object detection model** to identify **rare regional agricultural items** (e.g., distinct coconut and banana varieties) that standard commercial services often fail to recognize.
- Utilized the **YOLOv8 architecture** for model training on a specialized dataset, demonstrating expertise in applying deep learning techniques to novel computer vision problems.
- Successfully achieved **high detection rates**, showcasing strong practical skills in data preparation, model optimization, and applied AI/ML within a constrained domain.