

PRAJWAL L

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Projects

Personalized Food Recommendation Based on Disease and Food Image Analysis [\[GitHub\]](#)

| MongoDB, Express.js, React.js, Node.js |

- Food Image Analysis – Detects and classifies food items using CNN with 70% accuracy.
- AI-powered Reasoning – Uses LLM to suggest portion sizes, alternatives, and dietary advice. Integrated an AI-powered feature that automatically recommends the best programs for students based on their profiles.
- Health-Aware Recommendations – Personalized suggestions based on chronic diseases or allergies.
- Tested & Validated – Model shows promising results in classification and dietary recommendation accuracy.
- Future Enhancements – Expanding dataset, improving accuracy, and adding broader chronic disease coverage.

• Mentor-Connect [\[GitHub\]](#)

| Typescript, Tailwind CSS, Node.js, MongoDB, Python, Scikit-learn, pandas & numpy |

- Built a full-stack mentoring system to facilitate interaction between students, mentors, and administrators
- Enabled students to submit academic details and track progress via a streamlined dashboard
- Integrated admin verification flow and automated parent-teacher meeting scheduling for underperforming students
- Implemented role-based access control and secure authentication for students, mentors, and admins

Education

Sri Jayachamarajendra College of Engineering

Mysuru, Karnataka

Bachelor of Engineering in Computer Science

Nov 2022 – Jun 2026

Gopalswamy PU College - SANKALAPA

Mysuru, Karnataka

1st – 2nd PUC

Jun. 2020 – May 2022

Excel Public School

Mysuru, Karnataka

10th Standard

Jun. 2019 – May 2020

Technical Skills

Programming Languages: C, C++, Java

Developer Tools: Git, Github, VS Code

Frontend: HTML, CSS, JavaScript, Bootstrap, React

Backend: Node.js, Express.js, MongoDB, MySQL

Achievements and Rewards

- Participated in the IndustriAI Hackathon at IIT Madras, out of 700 participating teams. [\[LINK\]](#)
- Participated in Idea Forge event conducted by SJCE-STEP, where we secured a Top 10 spot out of 80 teams. [\[LINK\]](#)
- Attended Devfest conducted by DSC-JSSTU.
- Participated in workshop conducted by Coding Ninjas