VIGNESH

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Profile

Motivated final-year Computer Science Engineering student with a strong foundation in C, C++, Python, and Verilog. Passionate about solving real-world problems through code and continuous learning. Seeking a rewarding opportunity to contribute to innovative software or embedded system projects in a growth-focused organization.

Education

Bachelor of Engineering in Computer Science
AJ Institute of Engineering and Technology, Mangalore
June 2022 – June 2026 | CGPA: 8.0/10.0

Pre-University Course (PUC)
Government Junior College, Byndooru – State Board
2020 – 2022 | Percentage: 82%

SSLC
Government High School, Kirimanjeshwara – State Board
2020 | Percentage: 90%

Technical Skills

Programming Languages: C, C++, Python, Java

Web Technologies: HTML, CSS, PHP, SQL (MySQL)

Hardware Design: Verilog

Tools & Concepts: Machine Learning

Projects

Tomato Leaf Disease Prediction
- Developed a web-based application that detects common tomato leaf diseases using image classification.
- Utilized ResNet50 deep learning model and Flask framework.
- Achieved over 90% accuracy and integrated a user-friendly web interface.

Mango Leaf Disease Detection System

- Built a web application to detect mango leaf diseases (anthracnose, bacterial canker, powdery mildew) using image classification.

- Achieved 92% accuracy by applying transfer learning with the ResNet50 CNN architecture.

- Developed a real-time prediction interface with image upload and treatment suggestions.

- Integrated confidence scoring and prepared the system for future mobile deployment.

Certifications

• Database and SQL – Infosys Springboard (Jun 2024 – Jul 2024)

• Basics of Python – Infosys Springboard (Feb 2024)

• VLSI Digital Design – Infosys Springboard (Mar 2025 – Apr 2025)

• Explore Machine Learning Using Python – Infosys Springboard (May 2025)

Soft Skills

Time Management, Teamwork, Effective Communication, Leadership, Problem Solving, Critical Thinking

Languages

English (Fluent), Kannada (Fluent), Hindi (Intermediate)