

VISHWAKUMAR RS

✉ vishwa960033@gmail.com ☎ +91 96003 30789 📍 Poonamallee, chennai 🌐 Github

EDUCATION

B.Tech Artificial Intelligence and Data Science	2021 – 2025
Velammal Engineering College	7.8CGPA
Class 12	2021
Edustar international school	86%
Class 10	2019
Edustar international school	78%

PROJECTS

Gasket Defect Detection System 🔗

Implemented a YOLO model in Python for the Engine Gasket Inspection project to detect defects such as burnt and missing holes, end cuts, cracks, and missing eyelets in engine gaskets. Ensure precise and efficient quality control. Achieved near to 80% defect detection accuracy, improving inspection speed.

Diabetes Detection Model 🔗

Implemented a supervised machine learning project called 'Diabetes' to classify health data using random forest and classification techniques. The project focuses on evaluating the accuracy of labeled data to predict diabetes outcomes.

Nostra E-commerce website 🔗

Developed Nostra, a high-fidelity e-commerce website selling dresses and accessories using HTML, CSS, and JavaScript. Ensured seamless user experience through responsive design and pixel-perfect implementation.

INTERN EXPERIENCE

TANSAM, Project Intern 🔗

2023

- Developed a Engine Gasket Defect Detection System as a part of POC.
- Designed and Implemented a IoT device that detect cardio vascular movements.
- Tracked and Analyzed Learning Curve, Work Efficiency and Work Done to produce a Power BI report.

FORAGE, Virtual Internship

2023

- Participated in Virtual Internship giving hands on experience on Data Visualisation and Analysis

SKILLS

Programming Languages — C, Python | **Front end devoplmnt** — HTML, CSS, JavaScript, Bootstrap | **Data Science** — Pandas, Numpy, Mathplotlib | **Data Analysis** — SQL, PowerBI | **Version Control** — Github

CERTIFICATES

- Introduction to front end development - Meta 🔗
- Supervised Machine Learning: Regression and Classification - Stanford 🔗
- Data Analytics Essentials - Cisco 🔗

LANGUAGES

English — Fluent

Tamil — Native/Bilingual

Telugu — Basic

ADDITIONAL DETAILS

- Participated in Duo Developers Event in Symposium conducted By CIT
- Participated Workshops on Data Analytics and Power BI