

VISHNU M

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Career Objective

- Aspiring AI/ML Engineer with hands-on experience in Computer Vision, Machine Learning, and Deep Learning projects. Skilled in Python, SQL, TensorFlow, OpenCV, and YOLO, with a passion for building AI solutions for real-world applications.

Experience – Freelance AI/ML Developer Mar 2026 – May 2026 (3 Months)

- Worked on Computer Vision and defect detection projects using YOLO, OpenCV, and TensorFlow.
- Developed automated inspection systems for detecting holes, size variations, and defective products.
- Improved quality checking process through real-time AI-based monitoring.

Projects

Petrol Price Analysis – Python, Pandas, Matplotlib

Engineered statistical pipeline that processed 4 years of state-level petrol price data, revealing three primary pricing drivers and generating twelve actionable insights for stakeholder decision-making

Fruits Classification using CNN – TensorFlow, Roboflow

Developed a Convolutional Neural Network (CNN) model for automated fruit image classification using TensorFlow. Preprocessed and augmented image datasets with Roboflow to improve model performance and generalization. Optimized the model through hyperparameter tuning, achieving 92% classification accuracy and enabling reliable image-based classification for real-world applications.

Face Recognition System – OpenCV, TensorFlow, NumPy

Built a real-time face recognition system using OpenCV, TensorFlow, and NumPy, enabling automated identity detection through computer vision and deep learning techniques.

Skills

- Python, SQL
- Pandas, NumPy, Matplotlib
- Scikit-learn, TensorFlow
- OpenCV, YOLO, MediaPipe, CNN
- VS Code, Roboflow
- Data Analysis, Machine Learning, Computer Vision

Academic Record

BCom (CA)	Dr. SNS Rajalakshmi College of Arts and Science, Coimbatore	2025
HSC	St Thomas Higher Secondary School, Coimbatore	2022
SSLC	Government Higher Secondary School, Coimbatore	2020

Certificate

Artificial intelligence with Data Science - Cispro Training Institute	2025
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Book Publications

Published the book 'Company Law' – ISBN: 978-93-6010-027-8	2024
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