

MANAV PRAKASH

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EDUCATION

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering (CGPA:9.67)

Vellore, Tamil Nadu

08/2023 - 05/2027

Delhi Public School Bangalore - East

Grade XII (Perc:94.2)

Bengaluru, Karnataka

06/2022 - 05/2023

PROJECTS

Shopping AI

Python, LLM, Generative AI, RAG

Developing a conversational AI assistant using LLMs and RAG to handle product queries, recommend items, and enhance shopping experiences.

IoT-Based Classroom Comfort Monitoring

ESP32, Arduino C++, Python, NumPy, pandas, Matplotlib

Built an ESP32-based IoT system with environmental sensors to monitor classrooms, applying regression to predict comfort levels and visualize insights.

Travel Recommendation Website

HTML, CSS, JavaScript

Developed a responsive platform with dynamic filters and destination suggestions for an engaging travel planning experience.

Personal Portfolio Website

HTML, CSS, JavaScript, Bootstrap

Created a responsive portfolio to showcase skills and projects, featuring dynamic sections and an integrated contact form.

Radiology AI

React.js, Tailwind CSS

Built at Yantra'25 Hackathon; designed intuitive front-end interfaces for a Radiology AI platform focused on usability and performance.

TECHNICAL SKILLS

Core Concepts: OOPS, DSA, Version Control, Embedded Systems, IoT Protocols

Languages: Java, Python, C/C++, JavaScript, HTML/CSS, R, Arduino C++

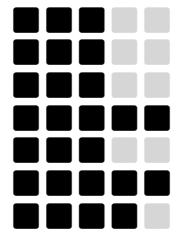
Frameworks: React, Tailwind, Bootstrap

Developer Tools: Git, VS Code, Visual Studio, PyCharm, Eclipse, Arduino IDE

Libraries: pandas, NumPy, Matplotlib, SkLearn, NLTK

Hardware: ESP32, OLED Displays, Sensors, Wi-Fi Integration, Sensor Data Processing

Other: Time Management, Technical Presentations, Data Visualization



CERTIFICATIONS

Oracle Cloud Infrastructure 2025 Generative AI Professional (1Z0-1127-25)

Oracle, Issued Jul 2025

Skills: Large Language Models (LLM), Retrieval-Augmented Generation (RAG), OCI

Oracle Cloud Infrastructure 2025 AI Foundations Associate (1Z0-1122-25)

Oracle, Issued Jun 2025 – Expires Jun 2027

Skills: Artificial Intelligence (AI), Machine Learning, Deep Learning

Machine Learning

DeepLearning.AI, Coursera, Stanford CPD, UVM, Issued May 2025

Credential ID: 411XZ46NLARJ

Skills: Machine Learning

Advanced Learning Algorithms

DeepLearning.AI, Coursera, Stanford CPD, UVM, Issued May 2025

Credential ID: PY3KAWN0HU3Y

Skills: Machine Learning, Advanced ML Techniques

Supervised Machine Learning: Regression and Classification

DeepLearning.AI, Coursera, Stanford CPD, UVM,

Issued May 2025

Credential ID: AIOJ4ZZM72VQ

Skills: Python (Programming Language), Regression, Classification, ML Model Development