

Vishishta Kavadiya

✉ vishishtakavadiyacric@gmail.com ☎ 7981756832 🌐 Vishishta 🎓 VKAUM 🔗 Portfolio

📁 PROFESSIONAL EXPERIENCE

Software Developer Intern, SRM Technologies

03/2024 – 09/2024 | Chennai, India

- Designed and deployed a website with real-time functionality.
- Integrated real-time eye and face movement tracking to detect cheating, enhancing cheating detection by roughly 25 percentage.
- Implemented voice recognition and frequency detection for real-time applications achieving sub-second latency in real-time speech and audio processing.

Software Developer Intern, MSPL Baldota Group

06/2024 – 07/2024 | Hospet, India

- Collaborated with cross-functional teams to develop Python-based AI solutions, enhancing workflow efficiency by 15%.
- Built a chatbot, reducing manual queries by 30%, improving client satisfaction.
- Predicted product prices with 80% accuracy using LSTM models, enabling smarter market strategy decisions.

🎓 EDUCATION

BTech - Computer Science and Engineering (Ongoing), SRM University, Chennai

2022 – 2026

CGPA: 9.17

Internation Baccalaureate, The Doon School

2022 | Dehradun

📁 PROJECTS

SAGA / AI-driven Interview system, Python, ML, Pandas, OpenCV, Flask, MongoDB

Developed a real-time audio-video interview system for facial expression and speech analysis using TensorFlow and OpenCV.

Trained and fine-tuned deep learning models to detect candidate engagement and eye movement, achieving a 40% increase in hiring accuracy.

Optimized camera functionality for high-definition video capture in interviews.

Smart AI Fitness Planner — Full-Stack AI Health Assistant,

Python, AIMA, Docker, Neural Networks, React

Developed RESTful APIs for personalized workout planning using Random Forest models on pre-given data.

Built calorie estimation, workout plan, and meal recommendation system with end-to-end deployment.

Designed an interactive React UI and integrated secure client-server communication.

Portfolio Website, NextJS, Tailwind, React

My personal portfolio website built with modern web technologies to showcase my projects, skills, and experience.

Air and Water Quality Prediction, Sklearn, LSTM, Regression

A comprehensive machine learning project to forecast the Air Quality Index (AQI) based on various environmental factors, deployed as a web application.

A machine learning solution to predict water potability. This end-to-end project covers the workflow from data collection to model implementation.

Ecommerce Website(Present), NextJS, NodeJS, Tailwind, PostgreSQL

Currently developing a full-stack e-commerce platform using **Next.js**, **React**, **Node.js**, and **PostgreSQL**. The project aims to include core features such as product browsing, user authentication, shopping cart functionality, and secure checkout. Focused on building a scalable architecture with clean UI/UX design and seamless integration between frontend and backend systems.

🧠 SKILLS

Web Development: React.js, Node.js, Express, PostgreSQL, Tailwind CSS, HTML/CSS

Cloud & DevOps: AWS, CI/CD Pipelines, Shell Scripting

Programming Languages: Python, Java, C++

Core CS Concepts: Data Structures Algorithms OOP Operating Systems Unix/Linux

AI/ML Frameworks: TensorFlow, PyTorch, Keras, Scikit-Learn, OpenCV

Tools & Platforms: Docker, Ansible, Git, Tableau, Advanced Excel

Databases: MySQL, PostgreSQL, MongoDB

Soft Skills: Leadership, Team Collaboration, Problem Solving, Communication, Time Management

Extra-Curricular: Gym and Fitness, Yoga and Meditation, Health & Nutrition

🏆 Achievements

Hackathon Winner

08/2023

Inter-college Hackathon (2023): Led a 4-member team to develop an AI-powered interview system.

Research Paper Publication

29/11/2024

Published a research paper on AI-based interview systems, highlighting real-world innovation and cross-functional collaboration.

School Prefect

2021

Selected as a Prefect to lead The Doon School, demonstrating strong leadership, responsibility, and the ability to inspire and guide peers in both academic and extracurricular pursuits.

🏆 CERTIFICATES

AI Machine Learning — Stanford | Coursera

Machine Learning Foundations — AWS Academy

MATLAB Onramp — MathWorks

Programming in Java — NPTEL Nov 2023

Database Management Systems —Scaler

Image Processing — Onramp

Computer Organization Architecture — Udemy