DINESH KUMAR

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dineshkumar-portfolio-website.netlify.app/

EXECUTIVE SUMMARY

Looking forward to obtaining a responsible, challenging position in an eminent company where I can apply and highlight my skills. I am eager to contribute my fresh perspective, dedication, and academic achievements to make a meaningful impact in a professional setting.

TECHNICAL SKILLS

Programming Languages: Python, SQL

Web Technologies: HTML, CSS, ReactJS, NodeJS

Tools: Github, Figma, MongoDB, Excel

PROJECTS

Parkinson's Disease Prediction using Machine Learning   Mar 2025
Machine Learning & Web App
- Built a machine learning model to predict Parkinson's disease using ensemble learning techniques.
- Preprocessed data, selected key features, trained models, and integrated into a web app using MERN and Flask.
- Achieved 86.67% accuracy, 91.59% AUC-ROC in AdaBoost and real-time prediction system.

Chat App Website   Feb 2025
Web App
- A MERN-based real-time chat app with one-on-one messaging, image sharing, and theme customization.
- Uses Socket.IO for instant messaging, Cloudinary for image uploads, and React Context API for themes.
- A fast, interactive chat app with seamless communication and a personalized user experience.

YouTube Clone & Netflix Clone Website   Jan 2025
Web Site
- YouTube clone with YouTube Data API v3 and Netflix clone with TMDB API and Firebase authentication.
- Integrates YouTube Data API for video streaming and TMDB API for movie library with Firebase for secure authentication.
- Seamless video streaming and movie browsing experience with real-time updates and secure user access.

EDUCATION

Master of Computer Application   Currently Pursuing
Vellore Institute of Technology   *8.43/10*

Bachelor of Computer Application   Sept 2020 – May 2023
Vellore Institute of Technology   *8.49/10*

Higher Secondary   June 2019 – May 2020
Rathinagiri Bageerathan Matriculation Higher Secondary School   *71%*

Secondary School   June 2017 – May 2018
Rathinagiri Bageerathan Matriculation Higher Secondary School   *84%*

CERTIFICATIONS

- Fundamentals of Deep Learning - NVIDIA (2024),
- Work Smarter with Microsoft Excel - Coursera (2024),
- Machine Learning with Python - Coursera (2023),
- Networking Cardinals - VIT (2023),
- Python Programming - VIT (2022),