

DINESH KUMAR

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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, Java, SQL,

Front-End Technologies: HTML, CSS, JavaScript, ReactJS

Tools: Github, Figma

PROJECTS

YouTube Clone & Netflix Clone Website

Dec 2024 – Jan 2025

Web Design

- 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.

Study on Data Breach Detection using NLP and ML Methods

Aug 2024 – Nov 2024

Machine Learning & NLP Project

- Analyzed data breach incidents using EDA to identify trends, common methods, and sector vulnerabilities.
- Conducted textual analysis to extract patterns, bigrams, and sentiment from incident descriptions.
- Developed and evaluated ML models, achieving 90.48% accuracy with Random Forest for predicting data leak methods.

Feature Selection and Classification Model for Cancer

Jan 2023 – Apr 2023

Machine Learning Project

- The study aims to develop a machine learning model to early diagnosis of cervical cancer with high accuracy.
- It uses ensemble methods, specifically a voting technique combining three top classifiers, tested on the UCI dataset.
- Achieved 99.20% accuracy with Extreme Boost, 94.44% with Random Forest and Decision Tree.

EDUCATION

Master of Computer Application

Vellore Institute of Technology

Currently Pursuing

8.29/10

Bachelor of Computer Application

Vellore Institute of Technology

Sept 2020 – May 2023

8.49/10

Higher Secondary

Rathinagiri Bageerathan Matriculation Higher Secondary School

June 2019 – May 2020

71%

Secondary Education

Rathinagiri Bageerathan Matriculation Higher Secondary School

June 2017 – May 2018

84%

CERTIFICATIONS

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