DEVESH B

INTERNSHIP

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INTERESTS

PROBLEM SOLVING , CODING

BADMINTON

GYM

VIDEO EDITING

ILLUSTRATION

SKILLS

PYTHON,C,C++,SQL,JAVA

GIT

DATABASE MANAGEMENT

MACHINE LEARNING WITH NUMPY AND PANDAS

UI/UX

ADOBE PREMIERE PRO

JAVASCRIPT(ONGOING)

FLUTTER(STARTED)

ENGLISH TAMIL HINDI JAPANESE

PROFILE

I'm a dedicated and quick-learning Computer Science Engineer with excellent communication and teamwork skills. My collaborative mindset and strong problem-solving abilities enable seamless teamwork and achievement of shared objectives. Currently enhancing coding skills through LeetCode , tackling algorithmic challenges to strengthen problem-solving abilities. Actively engaged in sharpening technical proficiency and algorithmic thinking.

EDUCATION

BTECH IN COMPUTER SCIENCE AND ENGINEERING WITH ARTIFICAL INTELLEGENCE AND MACHINE LEARNING

VELLORE INSTITUTE OF TECHNOLOGY   **GPA 8.3**
2021 - 2025

HIGHER SECONDARY SCHOOL

SRI RM JAIN VIDYASHRAM (12th)
2019-2021   **92%**

HIGH SCHOOL
                                                              95%
SRI RM JAIN VIDYASHRAM (10th)
2019

CERTIFICATION

NPTEL

The Joy Of Python

SPOKEN TUTORIAL

Python 3.4.3, C , Advanced Cpp

NULL CLASS

Emotional Detection

CISCO NETWORKING ACADAMY

Introduction to Packet Tracking

EDGE AI FOR IOT DEVELOPERS SPECIALIZATION

JP MORGAN
Investment Banking Virtual Experience

PROJECT

1. **Emotion Detector**
2. **Online Store in Hostel**
3. **Portfolio website**
4. **CHAT BOT AND URL SHORTENER**

EXPERIENCE

NULLCLASS (STARUP)

Ongoing Project: Learn To Build a Real Time Website Like StackOverflow - MERN Stack
- Duration: [July/2023] - Present
- Engaged in an ongoing project to develop a real-time website similar to StackOverflow using the MERN (MongoDB, Express.js, React, Node.js) stack.
- Learning and applying key concepts in front-end and back-end development, database management, and user authentication.
- Building a deep understanding of full-stack web development principles and best practices.
- Collaborating with peers and mentors to overcome challenges and deliver high-quality results.
- **Gaining practical experience in building dynamic and interactive web applications.**

Emotion Detection Using Machine Learning
- Duration: [May/2023] - [Aug/2023] (Completed)
- Successfully completed an internship with NULLCLASS, focusing on emotion detection using machine learning techniques.
- Collaborated with a team to develop and implement machine learning models for emotion detection.
- Participated in data preprocessing, model training, and evaluation to achieve accurate emotion classification.
- Gained practical experience in applying machine learning algorithms to real-world problems.
- Contributed to team discussions and problem-solving sessions to enhance the project's outcomes.
- Presented findings and project outcomes to mentors and peers.
- Strengthened skills in teamwork, project management, and machine learning application.

PROJECT WITH PROFESSOR S. GANAPATHY

Emotion Detection and Comparison of CNN and HYBRID (KNN+CNN) Approaches
- Duration: [May/2023] - [July/2023] (1 semester)
- Collaborated closely with Professor S. Ganapathy on a research project focused on emotion detection using machine learning techniques.
- Conducted thorough research to understand emotion detection algorithms and methodologies.
- Successfully increased result accuracy through the development of a hybrid K-Nearest Neighbors (KNN) and Convolutional Neural Network (CNN) approach for emotion detection.
- Implemented and fine-tuned the hybrid model using relevant libraries, including TensorFlow.
- Gained proficiency in data preprocessing, model training, and comparative analysis.
- Collected and preprocessed emotion dataset for training and evaluation.
- Conducted experiments, executed model training, and performed cross-validation to assess model performance.
- Analyzed and documented the results, showcasing the enhanced accuracy of the hybrid KNN-CNN model.
- Developed advanced skills in data manipulation and analysis using pandas and TensorFlow.
- Collaborated with the research team to share insights, discuss challenges, and propose improvements.
- Presented findings and recommendations to Professor S. Ganapathy and fellow research assistants.
- Submitted a final research report detailing the project's objectives, methodologies, results, and conclusions.
- Acquired hands-on experience in machine learning, data preprocessing, model evaluation, and hybrid model development.
- Strengthened skills in research methodology, scientific writing, and effective communication.