DINESH S

dhinu95@gmail.com
Github.com/dhinu95

(+91) 8660726743

OBJECTIVE:

Looking for challenging career which demands the best of professional abilities in terms of technical and analytical skill, and helps me in broadening and enhancing my current skill and knowledge.

COURSE:

Course on Artificial Intelligence, Machine Learning, IoT & Deep Learning conducted by iSmriti & Indian Institute of Technology (IIT) – Kanpur.

CAREER SUMMARY:

- Solid understanding of **Data Structures**, Algorithms & Object Oriented design concepts.
- Using **Machine Learning Algorithm**, solved wide variety of problems in an unsupervised, supervised learning problems and in the entire lifecycle (data collection, data preprocessing, model training, model testing, deployment and performance monitoring)
- Experience in developing **IoT application** using Arduino IDE, ESP8266 Wi-Fi module, NodeMCU, Raspberry-Pi.
- In **Deep learning network**: Feedforward Networks, Convolutional neural network, Recurrent neural network, RNN & LSTM for processing Language Data.
- Proficient in developing systems built on **SQL Server** using tables, Triggers, Views and Stored Procedure in SQL and Maintaining Database.
- Ability to design web form using web technologies like HTML, CSS, Bootstrap.

EDUCATION:

- B.TECH – Information Technology (2013 – 2017) – (80%)
  Panimalar Institute of Technology, Chennai.

TECHNICAL SKILL:

- Python
- C#, C, C++
- HTML, CSS, Bootstrap
- SQL Server
- Numpy, Pandas, Keras
- Asp.net MVC
- Machine Learning
- Database Systems
- Deep Learning Network
- Internet Of Things (IoT)
- Data Structure
- Web programming

PROJECTS:

- **Automatic Facial Expression Recognition System Using Deep Network.**

  Technology used: Python, Machine Learning, Deep Learning.

  In this project, visual information as input and recognize emotion in human face

  Preprocessing the data and Using deep learning (CNN) network developed a system. Training, testing module to get expected accuracy. Finally, get input through webcam and process the module find emotions from human faces.

- **Resume Parser Using NLP (Natural Language Processing).**

  Technology used: Python, NLP.

  In this project, initially convert content of file into text format and using NLP libraries, Python code parsing Name, Contact number, Mail id, Education Qualification, Technical Skills from resume. NLP libraries like NLTK, spaCy, PyPDF2, RE used in this project.

- **Design & Development of Web Application for NGO.**

  Technology used: C#.Net, Bootstrap, SQL Server.

  This project, Web application for NGO and involves upload details, search for an Ngo/orphanage, create an event, maintain profile, etc. Using this projects help needers can easily connect with helpers.