NAVEEN S

📞 (+91) 7010689737 ✉ naveenselvan0004@gmail.com

🔗 https://www.linkedin.com/in/naveen-s-selvan-3b198b269

🔗 https://github.com/naveencreation

Education

B.tech ARTIFICIAL INTELLIGENCE AND DATA SCIENCE   **(2022–2026)**
KARPAGAM COLLEGE OF ENGINEERING COIMBATORE   CGPA 8.7

Experience

CODE CLAUSE
Led the development and implementation of the model   **(September 2023 – October 2023)**

- Worked with Python using google colab with Machine Learning.
- Natural language processing (NLP)
- Machine learning model training
- Text data preprocessing using Python.

Certifications

EMAIL SPAM CLASSIFIER   **(September 2023 – October 2023)**
Code Clause | Google Colab

- Learning Modules:
   Text preprocessing, NLP techniques, machine learning algorithms, model evaluation.
- Learning Outcomes:
   Developed skills in creating and evaluating machine learning models for email classification using Python.

Leadership and Team Effectiveness   **(JAN 2023 – APR 2023)**
NPTEL| ONLINE | COMPLETED.

- To develop the interpersonal process & understand about Teamwork.
- Global leadership skills

Projects

Project 1: Email Spam Classifier | Python, NLP, Scikit-learn, Google Colab (September 2023 – October 2023)

- Develop a machine learning model to classify emails as spam or not spam using natural language processing techniques.
- Led the development and implementation of the model; utilized Python, Scikit-learn for model training, and Google Colab for coding and collaboration.
- Successfully created a robust spam classifier with high accuracy, improving email filtering efficiency and reducing spam-related issues.

Project 2: Mask Detection | Python, OpenCV, TensorFlow, Google Colab (September 2023 – October2023)

- Implement a computer vision model to detect whether individuals in images are wearing masks.
- Designed and trained a deep learning model using TensorFlow; performed image preprocessingwith OpenCV and used Google Colab for model training.
- Achieved accurate real-time mask detection, contributing to public health monitoring and safety measures during the COVID-19 pandemic.

Project 3: Blindness Detection | Python, TensorFlow, Keras, Google Colab (September 2023 –October 2023)

- Develop a convolutional neural network (CNN) to detect blindness from retinal images.
- Your Role, Technologies & Tools Used:
- Built and validated the CNN model; used Python with TensorFlow and Keras for deep learning,and Google Colab for execution.
- Outcome and Impact of the Project:
- Enhanced diagnostic capabilities by providing a reliable tool for early blindness detection, aidingin timely medical intervention.

Project 2 GitHub Clone| HTML, CSS, JavaScript, Node.js, MangoDB, Python
(March 2024–April 2024)

- Clone the functionality of GitHub and improve some of the Options like pull, push methods
- Created the interactive user interface and connect the both frontend and backend using python
- We simplify the use of commands and help us gain more knowledge about full stack development

Technical Skills	Achievements
Python | Google Collab SQL Oracle Machine learning | Gradio Web designing| HTML, CSS, ReactJS Git GitHub Docker| R Programming | Java| Tableau	Got Elite in Data Analytics | NPTL (2024) In Python

Soft Skills

- Leadership
- Problem Solving
- Teamwork