Vikalp Kaushik

8196059768 | vikalpkaushik99@gmail.com | Portfolio | LinkedIn | Github | Medium

An independent and self-motivated student with proven ability and experience in developing web application using full stack and Data Science projects with data structures and algorithms. Dedicated performer who demonstrates innovation, communication and team work to ensure quality, timely project completion.

TECHNICAL PROJECTS

Sorting Algorithm Visualizer | **React** | Source Code | View
A web application which shows the visualization of common sorting algorithms.
+ Build React / Redux application for visualizing sorting algorithms, max array size 100 elements, adjust speed.
+ Implemented Bubble, Insertion, Selection, Merge, Quick and Heap Sort.

Spam Emails Classifier | **Python** | Source Code
Give the information to user about the fake emails and relevant emails.
+ Reduces IT Administration Costs and Network Resource Costs, increases Security and Controls.
+ Implemented the Naive Bayes Classifier for classify the emails properly.

Predict House Prices | **Python** | Source Code
Predicting the prices of Houses with Boston Dataset and train model with the help of multivariable regression.
+ Predict the prices with respect to number of rooms, Location, Pollution or other features.
+ Implemented multivariable regression on different features of dataset.

Real Time Speedometer | **Node** | **JavaScript** | Source Code | View
A web application which shows the current moving speed of the device.
+ Creating virtual car dashboard using HTML, CSS and displaying the speed in mph.
+ Implemented Geolocation API for tracking current moving speed.

TECHNICAL SKILLS

Data Science: Python, Keras, TensorFlow, OpenCV

Front End: HTML, CSS, JavaScript, React, Bootstrap, jQuery

Back End: Core Java, Node, Express

Database: MySQL, Oracle, MongoDB

Cloud Platform: Heroku

Version Control: Git, GitHub

EXPERIENCE

Freelance

Contracted Web Developer (March – August 2020)

+ Developed a landing page, web page and portfolio of different clients
+ Implemented a UI design and mockup in HTML, CSS, and React

EDUCATION

B.Tech in Computer Science and Engineering, Ludhiana, India
Guru Nanak Dev Engineering College (*June 2018 – 2022*)
SGPA: 8.1/10

Training & Certificates
- Complete Data Science and Machine Learning Course, Udemy (*June 2020 - Present*)
- Programming, Data Structures and Algorithms using Python, NPTEL (*Jan - Mar 2020*)
- Machine Learning and Artificial Intelligence, Amity Future Academy (May - *July 2020*)
- The Complete 2020 web development bootcamp, Udemy (Dec 19 – Feb 20)