G KARTHICK RAJ
B.E. - Electronics & Communication Engineering
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BRIEF SUMMARY

I am a highly motivated and detail-oriented ECE engineer with a passion for innovation and developing technology. I am a driven learner, continuously seeking to stay updated with the latest advancements in the field. Open to exciting opportunities that utilize my skills and drive positive change in the industry.

KEY EXPERTISE

Python · MySQL · C++ · HTML · CSS · Microsoft Office · Time Management · Problem Solving · Analytical Skills · Adaptability

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering   2020 - 2024
B.E. - Electronics & Communication Engineering | CGPA: **8.96 / 10.00**

D.A.V Senior Secondary School, Chennai   2020
12th | CBSE | Percentage: **94.20 / 100.00**

D.A.V. Senior Secondary School, Chennai   2018
10th | CBSE | Percentage: **94.80 / 100.00**

PROJECTS

IoT based Weather Reporting System

Team Size: 3

Key Skills: Sensors · Python · Raspberry Pi · Internet of Things

Project Link: https://github.com/KarthickRaj536/-IoT-based-Weather-Reporting-System

The main aim of the project is to develop a IoT based weather reporting system. With the help python , raspberry pi and a few sensors , we were able to design a system and a dashboard that collects data about weather in real time and is highly reliable and accurate. We also developed an alerting system using some threshold values for different weather parameters.

Email/SMS Spam Classifier

Team Size: 2

Key Skills: Python · Machine Learning

Project Link: https://github.com/KarthickRaj536/Email-SMS_Spam-_Classifier

This project focuses on developing an Email/SMS spam classifier using the Naive Bayes theorem. The goal of this project is to classify a given message as either spam or ham using the Naive Bayes classifier. Tech stack and the skills required include python (libraries like Numpy, Matplotlib, Pandas, Seaborn etc.), machine learning, data analysis and visualization, feature engineering.

ChatGPT Clone

Key Skills: HTML · CSS · Flask · Javascript

The ChatGPT Clone Web Application is a project that aims to replicate the functionality of OpenAI's ChatGPT using a simplified web interface. It combines HTML, CSS, Flask (a Python web framework), JavaScript and Open Ai's API to create an interactive chatbot experience.

Portfolio Website

Key Skills: HTML · CSS

Project Link: https://karthick-raj-536.netlify.app/

This project involves the creation of a personalized website that serves as a digital resume and portfolio , built using HTML, CSS and Javascript to toggle between different sections. This project enhances web development skills and is also a tool for self promotion.

ACHIEVEMENTS

- Scribble It (IEEE Event) (Semi-Technical Event) Won 2nd Place
- Top 10 rank holder in 1st year (9th rank)

ASSESSMENTS / CERTIFICATIONS

100 Days of Code: The Complete Python Pro Bootcamp for 2023

Key Skills: Python

This course helped me in learning python as a whole. Learnt different frameworks and modules like Selenium, Beautiful Soup, Request, Flask, Pandas etc. The course also helped in applications of machine learning and data science. Built a lot of projects.

WEB LINKS

- Github - https://github.com/KarthickRaj536
- Personal - https://karthick-raj-536.netlify.app/

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Plot no.7, 9th Avenue, 'A' Sector, Siva Shakti Nagar, Annanur, Chennai-600109, Chennai, Tamil Nadu, India - 600109

Emails: karthickraj2010510@ssn.edu.in , gkarthickraj@yahoo.com

Date of Birth: 29 Sep, 2002

Known Languages: English, Tamil, Hindi

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