Vinayashree.S.S

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OBJECTIVE

To pursue a challenging career in a dynamic organization that provides constant opportunities for career advancement.

BRIEF OVERVIEW

- A budding professional in Python Development and Data Science

- Sound conceptual understanding of subjects like **Core Python, Advanced Python, Django, Flask, Bootstrap, HTML5, CSS3, Javascript, jQuery, AJAX, MySQL, Angular, ReactJS, MongoDB,Data Science Libraries, NumPy, SciPy, BeautifulSoup, Pandas, Matplotlib, Plotly, Seaborn and Scikit Learn**

- Knowledge of MSOffice, C language, Microsoft SQL Server..

- Ability to handle multiple priorities with a genuine interest in professional and personal development.

- A self-motivated team player with strong analytical, interpersonal and communication skills.

EDUCATION

Examination	College/School	University	Year
BTech in CSE	College of Engineering, Trikaripur	APJ Abdul Kalam University	2024
H.S.E	RHSS, Nileshwar	KERALA STATE BOARD	2020
S.S.L.C	RHSS, Nileshwar	KERALA STATE BOARD	2018

TRAINING

Organization: Right Soft Options – Python

Duration: 6 months

Description:

The Python Full Stack with Data Science course helped us to get a complete understanding of Frontend and Backend development and the process of linking them. We created web applications based on Django and Flask frameworks. We also understood and familiarized ourselves with Data Science libraries such as Numpy, Pandas, Matplotlib. Seaborn and Scipy.

MAIN PROJECT

Title: A Machine Learning Approach for Driver Drowsiness Detection based on Eye State

Duration: 1 year

Description:

Built an intelligent system capable of video based real-time driver drowsiness detection, that leverages computer vision techniques and machine learning algorithms to monitor driver behavior, using Python, HTML, CSS, JavaScript, MySQL, etc. in Django & Flask framework.

Findings:

Successfully achieved over 85% accuracy in detecting drowsy states,tested in various lighting conditions. Also demonstrated real-time responsiveness and stability for potential deployment in vehicular systems.

Title: Code Editor

Description:

Bulit a real-time code editor that allows users to write and test HTML, CSS, and JavaScript in separate sections. The editor includes a live preview feature where changes are instantly reflected in an output window, providing an interactive and seamless coding experience. This was achieved using event listeners to track input changes and dynamically update the output using DOM manipulation.

PERSONAL DOSSIER

Date of Birth: 27/10/2002

Permanent Address: V S Nivas , Naramkulangara Road,Kizhakkan Kozhuval,Nileshwar 671314(PO) ,Kasaragod,Kerala

Linguistic Skills: English, Malayalam

Marital Status: Single