R DHANUSH

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Objective

I am Enthusiastic and driven Computer Science and Engineering student with a keen interest in gaining practical experience through an internship opportunity. Eager to leverage my academic foundation in coding, data structures, and software engineering to contribute effectively to a professional team. I am excited to immerse myself in real-world projects, enhance my problem-solving skills, and collaborate on innovative solutions. Seeking an internship that will provide valuable insights, foster skill development, and prepare me for a successful career in the technology industry. my future career in the field.

Education

Vel Tech University, Chennai   **Aug 2021 – Jun 2025**
Bachelor of Technology (B.Tech) in the field of Computer Science and Engineering   *CGPA: 8.91/10*
Coursework: C, Java, Python, Data Structures and Algorithms, Database Management Systems, Object-Oriented Programming using java

Sri Chaitanya Junior College, Chittoor   **May 2019 – April 2021**
Intermediate (11th and 12th Grade) in the field of Science   *CGPA: 9.2/10*
Coursework: Maths, Physics, Chemistry, English

Master's School, Chittoor   **Aug 2007 – April 2019**
Schooling (LKG to 10th)   *CGPA: 9.7/10*
Coursework: Maths, Physics, Chemistry, English

Technical Skills

Programming Languages: C, Java, Python,latex.
Machine Learning and AI: TensorFlow, PyTorch
Data science: Data Analytics and Visualization Tools (MATLAB, Tableau, R , Python (Matplotlib, Pandas))
Database Management:My SQL,MongoDB.
Web Development skills: HTML, CSS, JavaScript, Jquery, bootstrap, React.js.
Version Control: Git and Github.
Mainframe: IBM Z System Programming and z/OS Command Proficiency.
Others: Excel, Powerpoint, Document.

Projects

1) Sentiment Analysis of Restaurant Reviews(Google Colab, Python, Machine Learning)   **June 2023**
Description:

- This sentiment analysis project focuses on analyzing customer review towards restaurant. By leveraging natural language processing (NLP) techniques, machine learning algorithms, and data visualization, we gain valuable insights from customer feedback expressed through reviews.

- **Machine learning Approch used:** The most important in ML approach is to convert the text to the vector or other numeric format to make the algorithms understand the text as a feature
    - **1) Vectorization:** CountVectorizer, Tfidf Transformer, Word2Vec
    - **2) Model:** Logistic Regression, RandomForest, MultinomialNB, SupportVectorMachine, BiLSTM
    - **3) Model Comparison:**Compares different machine learning models.
    - **4) Word2Vec:** Explains the use of Word2Vec for sentiment analysis.
    - **5) Data Splitting:** This splitting ensures that the data is divided for training, hyperparameter tuning (validation), and final evaluation (testing) of machine learning models.
    - **6)Model Training:** The training history, including loss and accuracy, is stored in the history variable for further analysis and visualization.
    - **7) Sentiment Analysis with Random Forest Classifier:** we perform sentiment analysis using a Random Forest Classifier. The goal is to classify sentiments based on preprocessed text data

2) Online Shopping Website Using HTML,CSS and JavaScript   **Sept 2022 – Nov 2022**
Description:

- Designed and developed a comprehensive online shopping website entirely from scratch using HTML, CSS, and JavaScript.

- Replicated the full e-commerce experience, delivering a user-friendly platform enabling customers to effortlessly browse, select, and purchase products.
- Created an intuitive user interface with a responsive design to ensure accessibility on various devices.
- Implemented essential features such as product categorization, shopping cart functionality, and secure checkout processes.

3) Mini project / News Website   **May 2022 – Sept 2022**

Description:

- Developed a dynamic news website with real-time news retrieval.
- Designed an intuitive user interface for easy navigation and search functionality.
- Implemented advanced algorithms for relevant news article recommendations.
- Ensured responsive web design for compatibility across devices.
- Integrated social media sharing and user engagement features.

Internship

Artificial Intelligence Virtual Internship by IBM and Ednet Foundation   **June 2023 – Present**

Description:

- Led Sentiment Analysis project, demonstrating adept problem-solving in restaurant review analysis. Gained hands-on AI experience with real-world applications.

Data Science Virtual Internship by ICT Academy and openweaver   **May 2023 – Present**

Description:

- Engaged in interactive virtual projects addressing real-world challenges, honing problem-solving skills, and utilizing industry-relevant tools and technologies.

Robotic Process Automation Virtual Internship By AICTE   **July 2022 - Sept 2022**

Description:

- Explored various facets of RPA, from process analysis and design to implementation, while working on practical projects that showcased the potential of automation in enhancing efficiency and accuracy.

Certification

- **Completed Competitive Coding 1 and 2 Conducted in College.**

- **Certification on Python for Data Science, AI & Development**

  IBM, Coursera

- **Completed CISCO Python Essentials 1 and Python Essentials 2.**

- **CISCO Certification on Cloud Security Alliance**

- **Completed CISCO Certification on Introduction CyberSecurity And CyberSecurity Essentials**

- **Completed CISCO Certification on Introduction to Data Science And Data Analytics Essentials**

- **CISCO Internship on Introduction to Packet Tracer**

- **Hands-on Training Programme on "Spring Boot and Hibernate"**

- **Workshop On Version Control using Git and Github**

- **Active member in Coding Club**

- **Active member in Hackathon Club**

- **Active member in Communication Club**

Languages

English,Telugu,Tamil.