VOOTURI ARJUN

Shiva Veedhi, Tower Circle, Jagtial | 9346766140 | arjunvooturi18@gmail.com

OBJECTIVE

"Pursuing higher studies with a commitment to contribute and excel, seeking opportunities in an academic or research-focused environment to further my passion for learning and personal development."

EDUCATION

Sreenidhi Institute Of Science And Technology, Hyderabad **2020-2024**

B.Tech in Electronics and Computer Engineering 7.64

Sri Chaitanya Jr.College, Hyderabad **2018-2020**

Intermediate MPC 90.8%

Manasa High School,Jagtial **2017-2018**

SSC 9.8

SKILLS & ABILITIES

Programming Languages:

C, Java, Python.

Generative AI:

Prompt, NLP.

Statistics/ML:

Predictive Analytics, Statistical Modelling, Linear/Logistic Regression, K-means Clustering, Classification, Deep Learning, Decision Trees, Recommender Systems , Support Vector Regression.

DATABASES:

MySQL.

Non technical skills:

Communication Organizing Problem-solving

Management Leadership Creative writting

INTERNSHIPS AND CERTIFICATIONS

Generative AI in LinkedIn:

The experience allowed me to deepen my understanding of generative AI, sharpen my coding skills, and cultivate a problem-solving mindset. Grateful for the mentorship and the opportunity to work on projects at the intersection of technology and creativity.

Java Development programming in Oasis InfoByte:

The experience allowed me to deepen my understanding of generative AI, sharpen my coding skills, and cultivate a problem-solving mindset. Grateful for the mentorship and the opportunity to work on projects at the intersection of technology and creativity. While doing this course we have simultaneously done a project on it.

Intern of Artificial Intelligence and Machine Learning, AICTE AWS Academy:

Engaged in real-world scenarios, implementing AWS cloud-based solutions and gaining proficiency in deploying AIML models.Contributed to the academy's AIML curriculum development, incorporating industry best practices and staying abreast of emerging trends.

Projects

Face Detection Using SSD:

The Single Shot Multibox Detector (SSD) is a cutting-edge deep learning model for face detection. SSD recognizes faces in real-time with great accuracy by leveraging convolutional neural networks. SSD's architecture allows for the simultaneous prediction of several bounding boxes and class scores for each face at different scales. This parallelized technique offers consistent performance across varied face sizes. Its implementation frequently comprises a pre-trained neural network fine-tuned on face datasets, allowing it to handle a wide range of facial expressions and orientations. With its speed and accuracy, SSD has been a popular choice for face identification applications in surveillance, security, and image analysis, providing a strong solution for real-world settings.

Personal Chat Assistant using Generative AI:

A Personal Chat Assistant powered by Generative AI is a novel approach to interactive and natural discussions. It understands and generates human-like responses using advanced language models such as GPT-3.5. This artificial intelligence-powered assistant responds to user input by providing personalized interactions, answering questions, and even engaging in contextual dialogue. Its adaptability ranges from giving information to facilitating a lively conversation. It constantly learns from encounters as a virtual companion, developing its capabilities over time. This technology transforms user involvement by providing a smooth and intelligent conversational interface that may be used in customer service, productivity, and a variety of other domains to improve the user experience.

Ping Pong Game using Python:

In the field of personal projects, I designed and built a Ping Pong Score Tracker in Python, demonstrating my expertise in software development and creative problem-solving. The major goal was to provide a user-friendly interface to ease the scorekeeping procedure during ping pong tournaments. This Python-based application not only effectively maintains scores but also provides real-time updates, boosting ping pong enthusiasts' entire experience. The project demonstrates my dedication to developing practical and accessible solutions through programming, as well as my skill in designing applications that meet specific needs in an interesting and effective manner.

NLP-Based Question Answering Model using Transformers:

A Natural Language Processing (NLP)-based Question Answering Model that uses Transformers represents a breakthrough in language comprehension. Built on transformer designs such as BERT or GPT, it excels in comprehending context and semantics, allowing for accurate responses to user questions. The approach uses attention mechanisms to balance contextual information, allowing for more sophisticated comprehension. It gains a comprehensive knowledge base by pre-training on large datasets, making it excellent at a wide range of topics. Fine-tuning on specific domains improves its domain-specific accuracy. This technology finds applications in virtual assistants, customer assistance, and information retrieval systems, altering the landscape of question answering with its efficiency and versatility.

Sales Records using data analytics :

Amazon Web Services provides a broad range of cloud computing services to build, secure, and deploy big data applications. With AWS, there’s no hardware to procure, and no infrastructure to maintain and scale, so you can focus your resources on uncovering new insights. With new capabilities and features added constantly, leveraging the latest technologies is possible without making long-term investment commitments. AWS has an ecosystem of analytical solutions specifically designed to handle this growing amount of data and provide insight into businesses.

A Blogger Website (Group Project) :

On a cooperative assignment to create an engaging blogger website, I worked with a vibrant 5-member team. My primary focus was on frontend development, where I played a critical role in improving the platform's user experience and visual appeal. Using my web development talents, I built features that not only streamlined content creation but also promoted easy sharing and community interaction. We intended to build a platform where people could simply express themselves, engage with others, and contribute to a lively online community through intelligent design and functionality. This collaborative work enabled us to combine our abilities, resulting in a blogger website that perfectly combined aesthetics and functions, delivering an optimal experience for both producers and readers.