AJAY E

 ajaye2901 | in ajaye8129 | ✉ ajaye2901@gmail.com | 📱 +91 6235749079

SUMMARY

I aspire to secure a challenging role within a reputable organization, driven by self-improvement, a strong work ethic, and unwavering dedication to excellence. My goal is to contribute actively to the organization's growth while advancing my own career. I am committed to exceeding expectations and continually seeking opportunities for personal and professional development. Together, I aim to forge a mutually beneficial partnership that aligns my journey with the organization's success.

WORK EXPERIENCE

Data Science Intern | Luminar Technolab   Sep 2022 - Mar 2023

- Proven track record in machine learning for classification, regression, and clustering, with hands-on experience in developing models for diverse AI/ML projects.
- Experience in Natural Language Processing (NLP) techniques.
- Deep expertise in crafting and deploying Artificial Neural Networks (ANN), Convolutional Neural Networks (CNN), and Recurrent Neural Networks (RNN) for image and text data.Networks (RNN), and have used these techniques to develop models for image and text data.
- Masterful data preparation skills, encompassing data cleaning, preprocessing, and feature selection for structured and unstructured data.
- Utilize essential tools such as NumPy, Pandas, NLTK, Matplotlib, Keras, OpenCV, and TensorFlow for precise data analysis and modeling.

SKILLS

- Languages:- Python, HTML, SQL
- Machine Learning:- Pandas, Numpy, Scikit-learn,Scipy Seaborn, Matplotlib
- Deep Learning:- Keras, Tensorflow, NLTK
- Additional Python Libraries: OpenCV, Mediapipe, Streamlit, Regex
- Software's:- MS Office -Word, Powerpoint, Excel
- Tools: VS Code,Pycharm,Git,Github
- Soft Skills:- Problem-solving, Team player, Leadership, Critical thinking, Decision making, Quick learning, Adaptable to conditions.

PROJECTS

Sign Language Detection

- Developed a real-time ASL recognition system using convolutional neural networks (CNN) to convert American Sign Language (ASL) letters into words and sentences
- Achieved an accuracy rate of 90% in recognizing ASL gestures in real-time video.
- This project has the potential to enhance communication accessibility for individuals with hearing impairments.
- Tech: Python, Numpy, Matplotlib, Mediapipe, Keras, Sklearn, TensorFlow, CNN.

Resume Parser Web Application

- Developed a web application that leverages Tesseract OCR and spaCy for advanced resume parsing.
- Enabled users to upload PDF resumes for automatic extraction of key information while checking for specified keywords.
- Extracted candidate details (names, emails, phone numbers) and performed keyword-based qualification checks
- Tech: Python, Tesseract OCR, spaCy, OpenCV, Streamlit

Custom Chatbot Development

- Led the development of the chatbot, including web scraping course data, NLP integration, and web interface design.
- Integrated OpenAI's GPT-3 model for natural language understanding.
- Improved user engagement and course recommendations
- Tech:Python, BeautifulSoup, OpenAI API, NLTK

EDUCATION

Bachelor of Technology | 2018 - 2022

Computer Science and Engineering.
LBS College of Engineering, Kasaragod.

PLUS TWO | 2016 - 2018

Computer Science.
St.Michael's AIHSS, Kannur.

CERTIFICATIONS

- NACTET Certification for Data Science.
- Python for Data Science by IBM.
- Data Science Methodologies by IBM.