TEJASWINI ATHOTA

📞+91 9985032313 - Hyderabad, India ✉-Gmail 🔗-LinkedIn

SUMMARY

Ambitious Artificial Intelligence and Machine Learning undergraduate with a passion for deep learning and advanced technologies. Skilled in collaborative problem-solving, delivering efficient and optimized solutions through teamwork. Possesses knowledge in HTML, SQL, Java, Python, and C, with hands-on experience in developing and implementing projects.

EDUCATION

BACHELOR OF TECHNOLOGY　　　　　　　　　　　　　　　**2023-2026**
CSE (Artificial Intelligence & Machine Learning)　　　　　　CGPA- 8.33
B V Raju Institute of Technology, Telangana　　　　　　　(till 5th semester)

DIPLOMA IN COMPUTER ENGINEERING　　　　　　　　**April- 2023**
Madhira Institute of Technology and Sciences, Telangana　　CGPA- 9.0

SECONDARY SCHOOL EDUCATION　　　　　　　　　　**March-2020**
St.Joseph's CCR Vidyanilayam,Telangana　　　　　　　　CGPA- 10.0

SKILLS

LANGUAGES: HTML, CSS, SQL, PYTHON, JAVA, C
Core Skills: Machine Learning, Deep Learning, NLP, Computer Vision, Object-Oriented Programming, Database Management Systems, Data Structures & Algorithms.
Soft Skills: Problem-Solving, Communication Skills, Teamwork and Collaboration, Adaptability, Critical Thinking, Interpersonal Skills.

PROJECTS

ONE-SHOT FACE STYLIZATION MODEL
- Developed One-Shot Face Stylization using JoJoGAN to transform facial features into stylized art while preserving identity.
- Applied the FFHQ dataset for high-quality facial images and employed Generative Adversarial Networks (GANs), particularly JoJoGAN, for one-shot face stylization.

DEEP FACE RECOGNITION BASED ON AN OPTIMISED DEEP NEURAL NETWORK
- Desinged a Deep Face Recognition system using an optimized deep neural network based on the ZFNet architecture for accurate facial recognition.
- Utilized the Imagenette2 dataset for training, applying ZFNet for feature extraction and fine-tuning the model to enhance accuracy and performance.

UNIVERSAL LANGUAGE MODEL FINE-TUNING FOR TEXT-CLASSIFICATION
- Built an optimized text classification model by fine-tuning a universal language model, improving accuracy across various domains.
- Trained the model on WikiText, DBpedia, Yelp and other datasets. Applied Slanted Triangle Learning Rate (STLR), Discriminative Fine-Tuning, and Gradual Unfreezing techniques in ULMFiT to fine-tune a pre-trained language model, enhancing text classification performance.

CERTIFICATIONS

- Database Programming with SQL- Oracle - Dec 2023
- Privacy and Security in Online Social Media- NPTEL - April 2024
- Soft Skills- NPTEL - Oct 2024
- NLP for Developers- Infosys - Jan 2025
- Deep Learning Architecture for Building Artificial Neural Networks- Infosys - Jan 2025

HACKATHONS & WORKSHOPS

SMART INDIA HACKATHON – GOVERNMENT OF INDIA | SEP 2024
- Proposed a Bidirectional Speech and ISL Translator for seamless communication between spoken language and Indian Sign Language (ISL).
- Converts speech to ISL gestures and vice versa using automatic speech recognition, deep learning, and computer vision.
- Qualified for the next round in the internal hackathon.

FRONT-END WEB DEVELOPMENT WORKSHOP–TECHGYAN, BITS HYDERABAD | FEB 2025
- Gained hands-on experience in front-end technologies, including HTML, CSS, and JavaScript.
- Built responsive web pages using modern design principles and best practices.
- Worked on real-time projects to enhance user interface and experience.

BITS HYDERABAD HACKATHON – TECHGYAN, BITS PILANI, HYDERABAD | FEB 2025
- Developed a dynamic web application as part of the front-end development challenge.
- Implemented interactive UI components and optimized performance for better user experience.
- Won the hackathon for presenting an innovative and user-friendly web solution.

PUBLICATIONS

ONE-SHOT STYLIZATION FOR TRANSFORMATIVE FACIAL ART USING STYLOMORPH - IEEE XPLORE | FEB 2025
3rd DELCON, 2024 IEEE International Conference on Advancing Technology for Sustainable Development 2024, organized by BVICAM, New Delhi, India.