ANUSHA ORUGANTI

7075219727
anushaoruganti2707@gmail.com
Hyderabad, India

PROFESSIONAL SUMMARY

Highly motivated and detail-oriented Computer Science graduate. Experienced in developing innovative solutions and contributing to impactful projects. Passionate about continuous learning, problem-solving, and collaborating in dynamic environments.

EDUCATION

Gurunanak institution of technical campus
Bachelor's Degree in Computer Science and Engineering
2019-2023 CGPA:7.64

Gurunanak institution of technical campus
Minor degree In AIML
2021-2023 CGPA:7.45

Intermediate(MPC)
2017-2019 percentage:87.9

SSC(10TH)
2016-2017 percentage:80.5

SKILLS

- ·**Programming Languages**:
  JAVA,
  SQL
- ·**Frameworks/Technologies**:
  Spring Framework 6
  HTML
  Spring Boot 3
- ·**Tools**: Git, Git-Hub, Intellij Idea

CERTIFICATIONS

CERTIFICATE OF SPRING FRAMEWORK 6 AND SPRING BOOT 3

PROJECTS

Human Activity Recognition using 1D-CNN
Developed and analysed machine learning models to accurately identify three types of psychomotor behaviours associated with delirium in hospitalized patients, achieving accuracy.
· Analysed and validated psychological behaviour patterns using advanced Python algorithms, leading to a significant improvement in diagnostic precision by 30%.
· Employed and compared various machine learning techniques, optimizing model performance through iterative tuning and validation.
· Implemented explainable AI methods to enhance model transparency and interpretability, resulting in a 25% increase in stakeholder confidence.
· Conducted a comprehensive evaluation of existing systems and proposed enhancements, contributing to reduction in diagnostic time.

Delirium Psychomotor Behaviour Identification
· Estimated and compared three CNN methodologies to determine the most effective approach, resulting in a 10% improvement in overall model performance.
· Employed data preprocessing and augmentation techniques, reducing noise and enhancing signal clarity, which led to increase in model accuracy.
· Integrated Python-based CNN frameworks and libraries, streamlining the model training process and reducing training time.
· Evaluated and documented performance metrics of existing and proposed methods, providing actionable insights that guided future enhancements and resulted in a 20% increase in predictive accuracy

EXTRACURRICULAR ACTIVITIES

·PRACTICED CODING ON PLATFORMS LIKE HACKERRANK AND CODECHEF.
·RESEARCHED TECHNICAL TOPICS IN DETAIL USING GEEKS FOR GEEKS AND OFFICIAL DOCUMENTATION.