Galchetwar Sneha

Entry Level Graduate

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SUMMARY

Ambitious, detailed oriented professional with good fundamental knowledge and practical exposure to DBMS, Data Structures, Web Technology, DAA, CN, OS, and SE. Ability to design algorithms in efficient manner, to develop web applications with strong features, database management, and to optimize system performance. Possesses skills of utilizing technical expertise for the solutions of complex problems with scalability. Always striving for continuous learning and implementation of new technologies to improve software development.

EDUCATION

Bachelor of Technology in Computer Science , Malla Reddy College of Engineering For Women (GPA: 7.5) — Nov '21 — Present, Hyderabad, India

Intermediate in MPC, Sri Chaitanya Junior College (GPA: 9.32) — Jun '19 — May '21, Hyderabad, India

CERTIFICATIONS

Internet Of Things — Oct '23
NPTEL Online Certification

AWARDS

Certificate of Participation — Aug '24
Flipkart Grid

Certificate of Participation — Sep '23
AICTE

PROJECTS

EXPLAINABLE ARTIFICIAL INTELLIGENCE FOR PATIENT SAFETY Link — Jun '24 — Oct '24, Hyderabad, India

- It reviewed 781 studies comprehensively and found 3.2% (25 studies) that met strict selection criteria for XAI application in pharmacovigilance.
- Potentially assessed the ability of XAI in drug treatment, side effects, and drug interaction studies using clinical, registry, and knowledge-based datasets.
- Analyzed various AI models, including tree models, neural networks, and graph models, to understand their applicability in pharmacovigilance.
- It outlined key challenges and proposed future directions for integrating XAI into adverse drug reaction detection, drug-drug interaction extraction, and predictive analytics.

A CYBER THREAT INTELLIGENCE MODELLING AND IDENTIFICATION SYSTEM BASED ON HETEROGENEOUS INFORMATION NETWORK Link — Present, Hyderabad, India

- Developed HinCTI, the first system to model Cyber Threat Intelligence (CTI) using Heterogeneous Information Networks (HIN), improving threat type identification of infrastructure nodes.
- I designed a threat intelligence meta-schema to catch implicit and explicit relations among heterogeneous nodes of CTI.
- A Meta-path and Meta-graph Instances-based Infrastructure Similarity measure that was integrated with a heterogeneous graph convolutional network for the identification of threat types.
- Implemented a hierarchical regularization strategy that reduced overfitting and improved model performance on threat identification tasks.

SKILLS

Programming Languages C, C++, JAVA, PYTHON, MY SQL
Web Technologies HTML, CSS, PHP
Data Base Management MY SQL
Course Under Graduate Data Base Management System, Machine Learning, Data Structures, Data Analysis and Algorithms, Data Analytics, Cloud Computing