Surya Teja Regalla *Computer Science Student*

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○ Surya-Regalla

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in Surya Teja Regalla

Education

2020 – 2024 Kurnool, India	**BTech - CSE,** *IIITDM Kurnool* CGPA - 8.0 (Till 7th sem)
2018 – 2020 Vijayawada, India	**Intermediate, MPC,** *Sarada Educational Institutions* Percentage - 95.3%
2017 – 2018 Vijayawada, India	**10th, CBSE,** *Sri Chaitanya International Olympiad School* Marks - 461/500

Projects

Musculoskeletal abnormality detection using Deep Learning Techniques
This project is about classifying a given radiograph image as normal or abnormal using siamese network and various loss functions like triplet loss and focal triplet loss. CLAHE preprocessing technique is used for this model which enhances the contrast of the images, and it is compared with model without using CLAHE. Smooth GRAD-CAM which is an explanatory AI has been given as feature for representing where the abnormality in the radiograph is.

IIITDM Esports Website, https://iiitdm-esports.netlify.app/
A web application for registration and conducting eSports tournaments in an Institute. It acts as an interface to view the latest news and updates regarding eSports events. It also have a separate profile for admin where he has the access to modify the events and can view the feedbacks. It done using ReactJS, HTML, CSS, JS (Front-end), NodeJS, Express, MongoDB.

Banking System using Socket Programming
A multi-threaded C++ written socket programming server-client application which provides all the banking transaction facilities i.e., Deposit, withdraw, transfer to an account and so on.

Technical Proficiency

- Programming Languages - C, C++, Python
- Web Technologies - HTML, CSS, JavaScript, ReactJS, NodeJS
- DataBase Management System - MySQL, MongoDB
- Core Competencies - OOPs, DSA, DBMS, Deep Learning
- Management skills - Problem solving, Leadership skills

Courses

MERN Stack Web Development, *Udemy*

Introduction to Cybersecurity Tools & Cyber Attacks, *IBM, Coursera*

Deep Learning for Computer Vision, *NPTEL, IIT HYD*

Cloud Computing, *NPTEL, IIT KGP*

Certificates

DeepLearning.Ai Andrew NG, Coursera	**Azure & AI Fundamentals** Microsoft Certified	**Multi-Cloud Network Associate Course** Aviatrix Certified Engineer

Languages

- English
- Telugu

Declaration

I hereby declare that all the details mentioned above are true to the best of my knowledge and belief.