Kethavath Kartheek

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EDUCATION

- **Keshav Memorial Institute of Technology**   *2022-Present*
  B.Tech , Computer Science Engineering with Specialization in Artificial Intelligence and Machine Learning   CGPA :7.8
- **Narayana Junior College Hyderabad.**   *2020-2022*
  Telangana State Board of Intermediat e Education, Telangana   Percentage : 92.3
- **KendriyaVidhyalaya Miryalaguda.**   *2019-2020*
  Central Board of Secondary Education, Telangana   Percentage : 88.4

PROJECTS

1)Tyre Crack Detector And Alerting System 🔗   *December2023*

- Tools & technologies used : HTML, CSS, React, JS, Flask, MongoDB, Express, Node .
- It designed and developed a fully functional website application. The goal is to detect the cracks on tires of vehicle. This can be lead to reducing of accidents that occurs on highways mostly.
- By analyzing each and every vehicle tyre that passes the tollgate and let our application detects any usual cracks on tires and send the details to the fast-tag owner of the vehicle if the tyre is cracked.

2) X-Ray Image Analysis and Captioning System 🔗   *November2024*

- Trained an **Encoder-Decoder** image captioning model using transformers to generate captions for X-ray images.
- Developed **CNN models** to detect specific diseases from X-rays, enhancing diagnostic accuracy.
- Built a **MERN application** to display generated captions and detailed disease reports, providing an interactive interface for users.

TECHNICAL SKILLS

DSA :- Skilled in solving complex DSA problems in Java with optimized solutions. 🔗

Languages & Databases : Java, C, C++, Python, Java Script, HTML/CSS, Bootstrap, MySQL, MongoDB.

Developer Tools : VSCode, Eclipse, Jupyter Notebook , Git.

Soft Skills : Team Work, Work ethic, Verbal Communication, Flexibility.

Additional Skills : Microsoft-Excel, Microsoft-Word, Microsoft-PPT, Data Analytics (PowerBI).

Ongoing ADDON course : GO.

Areas of Interest :Competitive Coding, Machine Learning, Web Development.

CERTIFICATIONS

- Data Analytics Mega Work shop conducted exclusively for CCBP4.0 students for building a Dashboard using Power BI/Kaggle/MS-Excel.
- Course Completion : Programming Essentials in Python, UIPath Automation Explorer, Processes services and daemons, Data Structures and Algorithms using Python, Network & Web Firewalls
- Cisco Certification On CCNav7: Introduction to networks
- Infosys springboard Certification On AWSSoultion Architect professional 2022: Network & Web firewalls