Boddu Tej

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Education

Narayana High school–SSC
CGPA: 10.0/10.0
Narayana junior college–Intermediate
Percentage:72.6%
Anurag University–B. Tech in Artificial Intelligence
Current CGPA: 7.34/10.0

Hyderabad, Telangana
2020
Hyderabad, Telangana
2020-2022
Hyderabad, Telangana
2022-2026

Relevant Projects

Project: Pneumonia Detection from Chest X-Rays using CNN *Link*

- Designed and deployed an ensemble deep learning model (ConvNeXt-Tiny + EfficientNetV2-S) in PyTorch, achieving 90% accuracy for pneumonia detection across bacterial, viral, and normal cases.
- Integrated explainable AI (Grad-CAM heatmaps) to provide transparent visualization of model decisions, enabling medical interpretability.
- Optimized model inference pipeline for real-time predictions (<5s latency) in production, ensuring scalability and reliability.

Project: Online Voting System Development *GitHub*

- Developing an online voting system using the MEAN stack to facilitate secure and user-friendly voting.
- Designed and implemented backend APIs with Node.js and Express.js, and built the frontend with Angular for an intuitive interface.
- Integrated MongoDB for secure data storage and implemented features like user authentication, admin panel for election management, and encrypted vote submission.

Skills

Programming Languages: Java, Python, C
Deep Learning/Machine Learning: TensorFlow, EfficientNetV2, ConvNeXt, Grad-CAM
Database: MongoDB, SQL, MySQL Workbench
Web Development: HTML, CSS, Java Script, Angular, React.js, Node.js, Express.js
Cloud&Deployment: Microsoft Azure, Docker , GitHub Student Developer Pack

Certifications

- Infosys Spring Board–**Java, Data Structures and Algorithms**
- Introduction to Generative AI **– Google**
- LinkedIn–**Java for Beginners**
- PCAP: **Programming Essentials in Python**
- Java Course – **Scaler**

Extra Curriculars

- Participated in State Level hackathon by Student Developer's Community.
- Participated in NSS camp organized by the NSS club in University.
- Solved 100+ problems on leetcode.