Mangalaparthy Varsha

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Education

Bachelor of Technology in Computer Science and Engineering   2027
B.V. Raju Institute of Technology, Narsapur
CGPA: 9.4

TS Board of Intermediate Education   2023
Shree Akshaya Junior College,sangareddy
Percentage: 97.5%

TS Board of Secondary Education   2021
Shree Sathya Sai High School,sadasivpet
CGPA: 10.0

Projects

Blood Group Detection Using Fingerprint—Python,TensorFlow   *May 2025*
Machine learning project   GitHub
- Developed a CNN-based model to classify blood groups from grayscale fingerprint images.
- Applied image preprocessing techniques using OpenCV including normalization, resizing, and noise reduction.
- Built and trained a custom Convolutional Neural Network using TensorFlow and Keras.
- Achieved 88% accuracy by evaluating performance with confusion and accuracy metrics.

Amazon Clone—html,css,Javascript   *March 2024*
Web development   GitHub
- Designed a multi-section layout including header, search bar, and footer.
- Styled multiple product display boxes with background images and hover effects.

Technical Skills

- **Programming:** Java,C,Python
- **Web:** HTML, CSS, JavaScript
- **Databases:** MySQL
- **CS Subjects:** Data Structures and Algorithms, DBMS, Operating System
- **Soft Skills:** Problem-solving, Communication, Teamwork

Certifications

- Programming Essentials in Python, C in Cisco Networking Academy
- NPTEL Certification in Programming in Java
- NPTEL Certification in Programming in soft skills
- Java Language Features in Infosys Spring board

Achievements

- Solved over 150+ problems on LeetCode, achieving a global rank of 393,710 out of 800k+ users (Top 49%) and earning the 50 Days Badge 2025 for consistent coding practice.