Narendra chary Chitloju

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EDUCATION

Bachelor of Technology
Malla Reddy College of Engineering and Technology   8.2 CGPA   2022 - 2025
Diploma
Government Polytechnic College Nalgonda   8.0 CGPA   2019 - 2022
Secondary School Certification
Montessori E/M School   8.7 GPA   2018 - 2019

PROJECTS

Conversion of sign language into text using CNN(Convolutional Neural Network): ✐
- Built a deep learning model using Python, TensorFlow and OpenCV to interpret sign gestures into text, improving accessibility for the hearing-impaired.
- Applied CNN architecture, image preprocessing and real-time prediction to achieve high recognition accuracy.

Roadside Assistant: ✐
- Created a full-stack web application for locating nearby mechanics and requesting assistance in real-time.
- Integrated GPS tracking, secure payment gateway, REST APIs and cloud infrastructure for a seamless user experience.

Virtual Voice Assistant ✐
- Python-powered voice control for web browsing, music playback, news updates and smart queries using speech recognition and OpenAI integration.
- Modern Flask interface with real-time voice feedback, command history and visual listening indicators for seamless user experience.

TECHNICAL SKILLS

- **Languages:** Python, Java, JavaScript, SQL
- **Web Development:** HTML5, CSS3, JavaScript, React.js, Node.js
- **Frameworks & Libraries:** React.js, Node.js (Express), Flask, PyTorch, TensorFlow, OpenCV
- **Database Systems:** MySQL(RDBMS), MongoDB (NoSQL)
- **Core CS Concepts:** OOP's, DSA, SDLC, Operating Systems, Computer Networks
- **Developer Tools:** Git, GitHub, VS Code, Eclipse, Figma, Canva, Microsoft Office Suite
- **Cloud & DevOps:** AWS (EC2), Basic Cloud Computing, Virtualization
- **Security:** Basic Cybersecurity

SOFT SKILLS

Team Collaboration | Critical Thinking | Persuasive Speaking | Decision-Making | Creativity & Innovation | Problem-Solving | Active Listening | Self-Motivation | Adaptability | Communication | Time Management

CERTIFICATIONS

Python Programming | Programming Foundations with HTML, CSS, JavaScript | Java Programming | Council for Skills and Competencies

ACHIEVEMENTS

Head Coordinator for Business Plan Competition in college

Participated as Coordinator for MRCET TechFest - 2k23.

Main lead for Design team in college.

Certificate of Appreciation for participating in 48 hours AWS Hackathon at MRLIT.

Participated in Smart India Internal Hackathon.