PARVATHAREDDY POOJA

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Education

- **Bachelor of Technology in Computer Science and Engineering** *(Pursuing)* **2023 – 2027 | CGPA: 9.25**
  Vignan's Lara Institute of Technology and Science, Vadlamudi.
- **Intermediate (MPC)** **2021 – 2023 | GPA: 10**
  Sri Saraswathi Junior College, Ongole.
- **SSC** **2020 – 2021 | GPA: 10**
  Kerala High School, Ongole.

Experience

Web Development Intern **Virtual | Aug-2025**

• Developed 6+ responsive web pages with structured layouts, mobile compatibility, and consistent visual alignment; implemented 10+ interactive forms with validation, error handling, and updates using client-side scripting.

• Resolved 15+ layout and logic issues through debugging; maintained organized source files, applied version control practices, and improved navigation clarity and user flow during a 4-week internship period.

Projects

Seasonal Style Hub — E-commerce Web Application, Tech Stack: HTML | CSS | JavaScript | Python Flask | MySQL

- Developed a full-stack seasonal e-commerce web application with a structured frontend and backend integration, managing 20+ products across 4+ seasonal categories and multiple user interactions.
- Implemented 5+ backend APIs using Flask to perform complete CRUD operations for products, cart items, and user actions, ensuring seamless frontend–database communication.
- Designed and integrated a MySQL database with 4+ relational tables to store product details, seasonal categories, cart information, and order-related data.

Sign Language Recognition System — Machine Learning Application, Tech Stack: Python | OpenCV | CNN | Computer Vision

- Engineered a real-time sign language recognition system capable of identifying 10+ hand gestures using a webcam through Computer Vision and CNN models.
- Collected and preprocessed 500+ gesture images, including resizing, normalization, and noise reduction, to improve model training and recognition accuracy.
- Integrated sign-to-voice translation, converting recognized gestures into audio output within seconds, improving accessibility for hearing- and speech-impaired users.

Skills

Programming Languages: Java, Python, TypeScript, JavaScript, HTML, CSS
Frameworks / Libraries: React, Vite
Database & Backend: PL/SQL, SQL
Tools / Version Control: Git
Development Tools: VS Code, Chrome DevTools
Web Basics: Responsive Design, REST API usage technical skills Ela
Soft Skills: Communication, Team Collaboration, Adaptability, Quick Learning, Attention to Detail, Resilience, Self-Motivation, Curiosity, Leadership Potential

Certifications

• **NPTEL**: C, Java, DBMS • **CISCO**: Introduction to Cyber Security • **UDEMY**: Full-Stack Web Development, Python
• **INFOSYS**: Basics of Python, Python Fundamentals •**DELOITTE**: Cyber Job Simulation

Achievements

- Solved 250+problems in Leetcode
- Built 5+ web development projects using HTML, CSS, and JavaScript