CHANDANA V R

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SUMMARY

I am a passionate and motivated individual, eager to leverage my skills and knowledge to contribute to the industry's goals. I am currently pursuing my B.E. in Electronics and Communication Engineering and have a keen interest in technology and innovation. I consider myself a responsible, orderly person with a strong drive to learn and grow. As I approach my first professional experience, I am excited about applying what I've learned to real-world challenges and contributing to meaningful projects.

TECHNICAL SKILLS

Programming Languages:C, C++, Python

Coursework :DataStructures and Algorithms using C++

Hardware & Electronics: VLSI (Basics)

PROJECTS

Automatic Wiper and Seat Belt Detection System

Team Project | Arduino-based | JSS Academy of Technical Education,Bengaluru

- Developed a real-time vehicle safety system using **Arduino UNO**, **rain sensors**, **servo motors**, and **seat belt sensors**.
- Automated **windshield wiper activation** based on rain intensity to enhance visibility.
- Implemented **seat belt detection logic** that restricts engine start without proper buckle engagement.
- Designed and tested a **functional prototype** with >98% detection accuracy and <1s response time.
- Focused on **embedded systems, sensor integration**, and **real-time data processing** for automotive safety.

EDUCTION

JSS Academy of Technical Education — **July 2022-2026**
BE in Electronics and Communication Engineering — Bengaluru,karnataka

Narayana PU college — **April 2022**
SeniorSecondary,Percentage:88.83 — Bengaluru,Karnataka

SFS Eng Med High School — **June 2020**
Secondary,Percentage:89.92 — Kolar,karnataka

CERTIFICATION'S

- **C++ Data Structures in the STL** – Coursera Project Network
  Completed Mar 2025 | Verified Certificate: 3I6H3MLHI9E2
  Explored STL containers and algorithms in C++ for efficient data structure implementation.
- **Python Programming - 01** – Onwingspan
  Completed Apr 2025 | Verified Certificate available at: verify.onwingspan.com

DECLARATION

I hereby declare that all the information provided is true to the best of my knowledge and belief

Date: / / 2025 (CHANDANA V R)