

Chandan Kumar

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SKILLS

Languages:	C, C++, JavaScript
Core CS Concepts:	Data Structures and Algorithms, OOP, Operating Systems, Computer Networks, Databases
Frontend technologies:	HTML5, CSS3, JavaScript, Bootstrap
Tools/Platforms:	Git/GitHub, MySQL, SQL Server, Arduino IDE
Soft Skills:	Problem-Solving, Analytical Thinking, Teamwork, Communication, Adaptability, Leadership

PROJECTS

To-Do List C++	Mar' 25
- Developed a console-based To-Do List application using C++ to manage daily tasks efficiently. - Implemented Create, Read, Update, and Delete (CRUD) operations with file handling for persistent task storage. - Applied Object-Oriented Programming (OOP) concepts to build a modular and maintainable application. - Improved user productivity through a simple and interactive command-line interface. - Tech: PyC++, OOP, File Handling.	
Personal Portfolio HTML, CSS, JavaScripting	Sep' 25
- Developed a responsive personal portfolio website to showcase projects, technical skills, and certifications. - Designed an interactive and user-friendly interface using HTML, CSS, and JavaScript. - Implemented responsive layouts to ensure seamless performance across desktop and mobile devices. - Integrated smooth navigation and modern web design principles to enhance user experience. - Tech: HTML5, CSS, JavaScript.	
Blind Spot Detection System Arduino Uno, Ultrasonic Sensor, Servo Motor, I2C LCD	Apr' 26
- Developed an IoT-based Blind Spot Detection System using Arduino Uno and ultrasonic sensors to improve vehicle safety. - Integrated a servo motor, I2C LCD, LEDs, and buzzer to provide real-time obstacle detection and driver alerts. - Implemented distance-based object detection for accurate blind spot monitoring. - Enhanced road safety by reducing the risk of accidents caused by limited driver visibility. - Tech: Arduino Uno, C++, Ultrasonic Sensor, Servo Motor, I2C LCD, LEDs, Buzzer.	

CERTIFICATES

Research Methodology NPTEL	Jan' 26
Python Essentials 2 Cisco Networking Academy	Nov' 24
Computer Communications & Networks Saylor Academy	Jun' 24

EDUCATION

Lovely Professional University <i>Bachelor of Computer Application; CGPA: 7.36</i>	Punjab, India Aug' 24
Mahesh Singh Yadav College <i>Intermediate; Percentage: 78%</i>	Bihar, India Apr' 21 – Apr' 23
Hansraj Public School <i>Matriculation; Percentage: 58%</i>	Bihar, India Apr' 19 – Mar' 21