Ashwani Selwal

📞 +91-8053179190 | ✉ ashwanisingh46572@gmail.com | in Ashwani Selwal | ⬤ Ashwani-Ash | Ashwani

Education

NIT KURUKSHETRA
B.TECH IN ELECTRONICS AND COMMUNICATIONS
📅 Nov 2021 - present

DAV PUBLIC SCHOOL
12th Standard | CBSE
📅 July 2020- March 2021

AaronPUBLIC SCHOOL
10th Standard | CBSE
📅 July 2018- March 2019

Skills

- **Code:** *C++ . JavaScript. Python . Java*
- **Frontend :** *JavaScript, ReactJS, NextJs 13*
- **Backend :** *Node Js . Express Js*
- **Database** : *MySQL, MongoDB*
- **Version Control:** *Git . GitHub*
- **Visualization :** Particles.js . Three.js
- **Embedded Systems:** Arduino, Node MCU
- **Computer Vision:** OpenCV

POR (Position Of Responsibilities)

- Acted as an **Organizer** for a workshop on "**Embedded Systems**"
- Taught 100+ students.
- Coordinated and executed logistics and event management tasks.

Organizations

EMR(Embedded Systems and Robotics)
(11 / 2022 - Present)

An active member of EMR club (Technical club of NIT Kurukshetra) since joined which explores fields related to DIP , Embedded Systems, Machine learning , Robotics and other recent technologies. Membership in this club has strengthened my management and collaboration skills.

Projects

Technical Club's Website 🔗
React JS , Three.js , Particles.js
- Contributed to a dynamic React Vite app for my college's technical club website, leading to a 30% increase in overall website engagement.
- Elevated user experience by integrating captivating 3D models with a responsive design.
- Successfully deployed and maintained on GitHub.
- Worked alongside 10-13 club partners to continuously improve functionality and user interface

Time Table Website 🔗
HTML , CSS , JAVASCRIPT
- Created a **single-page website** for managing class meet links during online sessions.
- Implemented a user-friendly table format for easy viewing of the schedule.
- Incorporated **clickable class links** for effortless access to classes.
- Benefited **120 students** with reducing scheduling errors by 30%
- Contributed to a 25% increase in on-time attendance

Portfolio Website 🔗
React App, Javascript
- Developed and designed a personal portfolio website showcasing **my projects and skills.**
- Created a user-friendly interface using HTML, CSS, and JavaScript.
- Implemented **responsive** design for optimal viewing on different devices.
- Incorporated multimedia elements and interactive features for enhanced engagement.
- Included a contact form and social media links for easy communication and networking.
- Regularly updated the website with new projects and skills.

Embedded Projects
- **Gesture controlled bot**
  - Bot with Gyroscope sensor, Arduino nano, Transceiver (nRF24L01)
- **Wifi controlled bot**
  - Build a bot using Node MCU : compact Wifi development Board.
- **Home Automation**
  - Automated room lights, fans which is a server-based system, and coded my own website using Blynk API.