

Pradyumn Tiwari

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EDUCATION:

Name of course	Year	Institute	Grade
B. Tech, Electrical Engineering	2020-2024	Delhi Technological University	CGPA: 8.8(till 3 th Sem)
CBSE (CLASS XII)	2019	MPSPS, Prayagraj, U.P.	82%
CBSE (Class X)	2017	MPSPS, Prayagraj, U.P.	10 CGPA

SKILLS:

- c/c++ (intermediate)
- Data Structures & Algorithms(intermediate)
- Verilog(Basic)
- Arduino Uno
- Web Development(Basic)

Projects:

- **Online Shopping-cart backend in c++** (An Object Oriented Programming and data structures based project in which a user can view products details among many items on the shopping platform,choose quantity and get the total cost of his cart)
- **Simulation of solar water Pump in Matlab** (Simulated a solar water pump in two parts, solar pv array + Dc-Dc boost converter and 3 phase inverter+induction motor and implemented MPPT algorithm in matlab)
- **Line following robot** (An Arduino Uno based hardware project which follows a line i.e black tape on a reflecting surface using feedback from IR sensors)
- **Capacitance meter circuit using arduino uno**(A hardware project to measure capacitance values of unknown capacitors using arduino uno and charging discharging method of capacitor)
- **A basic website**
(describing about myself,my achievements, hobbies and my resume)

Extra-Curricular Activities & Achievements:

- Codechef rating :1720(highest)
- Hacker rank 5 Star badge in C++
- Secured rank 30 in a coding contest (Code Frenzy) with 1200+ contestants.

Certifications:

- Data Structures & algorithms in c++ (Udemy)

DECLARATION

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.