KSHITIJ KUMAR SHARMA

Software Engineer, Innovator, Cyber Security Analyst, Ethical Hacker, Web Designer, Robotics Developer, IoT Trainer & AI Enthusiast.

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Education:

Course	Institution	Year of passing	Final Grade/ Current Grade
Bachelor of Technology in Computer Science and Engineering	Kalinga Institute of Industrial Technology	2023	CGPA 9.24
12th Standard in Computer Science	Kendriya Vidyalaya Sanagthan	2019	95.4%
10th Standard	Kendriya Vidyalaya Sangathan	2017	CGPA 10

Achievements:

1) Selected in Grand finale of TOYCATHON 2021.
2) First position holder in Tinkerfest – 2019 organised by Atal Tinkering Lab.
3) Among top five ranker in state and 2nd in school in 12th CBSE board exam.
4) Third position holder in 45th Jawaharlal Nehru Regional level Science, Mathematics & Environment Exhibition for Children 2018.
5) First position holder in Regional Level Athletics.
6) Successfully completed "Dwitya Sopan Testing Camp" of the Bharat Scout and Guides.

Experiences:

1) Mentor at Atal Tinkering Lab Kharagpur, Niti Ayog, Government of India.
2) Member of KIIT Robotics society.
3) Certified cyber security analyst.
4) Participant of many hackathons like Quarantine Hackathon, SIH etc.
5) Participant of Arduino Workshop organised by spring fest IIT Kharagpur.
6) Participant of Machine Learning Workshop organised by WAC, IIT Kharagpur.
7) CCA captain Kendriya Vidyalaya No-II Kharagpur.
8) Member of the Bharat Scout and Guides.

Technical skills:

Skill	Level of knowledge
C programming language	Advance
C++ programming language	Intermediate
Java	Intermediate
Python	Basic
MATLAB	Basic
HTML, CSS	Basic
Arduino	Intermediate
Shell Scripting	Intermediate
DBMS: SQL, PLSQL	Intermediate
Cryptography	Advance
Web Development	Intermediate
Hacking/ Penetration testing	Intermediate
IoT	Intermediate
Big data, Machine Learning	Basic
Networking	Intermediate
Linux	Intermediate
Raspberry Pi	Intermediate
Windows	Intermediate

Projects:
1) Solved Infinity Stone CTF.
2) Light tracking solar cells.
3) Professional website of Atal Tinkering Lab Kharagpur.
4) Teaser gloves for women safty.
5) Network controlled quadcopter, capable of mission planning, image processing, payload ejection.
6) Radio controlled quadcopter. (Achievement 2)
7) WiFi controlled switching system. (Achievement 4)
8) Black line follower robot.
9) Smart Car with Alcohol detection system.
10) Smart Dustbin.
11) LPG lekage detector for labs and houses.