



# KSHITIJ KUMAR SHARMA



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## Education:

| Course   | Institution                                | Year of passing | Final Grade/<br>Current Grade |
|--|--|-----------------|-------------------------------|
| Bachelor of Technology in Computer Science and Engineering | Kalinga Institute of Industrial Technology | 2023            | CGPA 9.24                     |
| 12 <sup>th</sup> Standard in Computer Science              | Kendriya Vidyalaya Sanagthan               | 2019            | 95.4%                         |
| 10 <sup>th</sup> 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 2<sup>nd</sup> in school in 12<sup>th</sup> CBSE board exam.
- 4) Third position holder in 45<sup>th</sup> 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) CCA captain Kendriya Vidyalaya No-II Kharagpur.
- 5) Member of the Bharat Scout and Guides.

## Projects:

- 1) Solved Infinity Stone CTF.
- 2) Light tracking solar cells.
- 3) Developed official website of Atal Tinkering Lab Kharagpur.
- 4) Teaser gloves for women safety.
- 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 leakage detector for labs and houses.

## Technical skills:

| Skill                    | Level of knowledge |
|--------------------------|--------------------|
| C programming language   | Advance            |
| C++ programming language | Intermediate       |
| Java                     | Intermediate       |
| Python                   | Basic              |
| MATLAB                   | Basic              |
| HTML, CSS                | Basic              |
| Arduino programming      | Intermediate       |
| 3D Printing              | Intermediate       |
| Shell Scripting          | Intermediate       |
| DBMS, SQL, PLSQL         | Intermediate       |
| MongoDB                  | Basic              |
| Cryptography             | Advance            |
| Web Development          | Intermediate       |
| Ethical Hacking          | Intermediate       |
| Internet of Thing        | Intermediate       |
| Big data                 | Intermediate       |
| Machine Learning         | Intermediate       |
| Networking               | Intermediate       |
| Linux                    | Intermediate       |