

# RITIK SINGH

Lucknow, Uttar Pradesh

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## Education

**KIET GROUP OF INSTITUTIONS ,GHAZIABAD —(AKTU)**

**August 2019 - June 2023**

*Bachelor of Technology in Electronics and Communications (CGPA of 7.77)*

*Uttar Pradesh , India*

**ARMY PUBLIC SCHOOL,PRAYAGRAJ — (CBSE)**

**April 2017 - May 2018**

*Intermediate (Percentage of 84.8)*

*Uttar Pradesh , India*

## Technical Skills

**Languages :-** Java , JavaScript , HTML , CSS

**IT Construct :-** Object Oriented Programming , DBMS , Data Structure and Algorithms

**Databases :-** Relational Database (MySql)

**Frameworks/ Dev. Tools :-** IntelliJ , Github , Visual Code Stdio

## Projects

**PATH FOLLOWING ROBOT** | *ARDUINO,C++,CAD* | Link : [ROBO](#)

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- 6 Team members , My role - Design/code
- Made a robot prototype that automatically follows a given path.
- Worked on CAD for desining , Arduino and C++.

**ENHANCED MEDICAL HUMIDIFIER** | *Arduino,CAD*

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- 4 Team members, My role - Team lead and Software Developer
- To perform reverse engineering on a humidifier and see how it works, and make a prototype.
- Increased it's efficiency by 5 percent .

**TIMEPASS GAME** | *HTML , JavaScript* | Link : [TPGAME](#)

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- 2 Team members, My role - HTML part
- Made a reaction tester game which will test the reaction time of the user .

## Experience

**TWO WAITS**

**November 2022 - April 2023**

*Internship on DSA learning*

*Remote*

- Completed the tasks given related to DSA.

**INTERNSHIP AT CISCO**

**May 2021 - September 2021**

*CyberSecurity Intern*

*Online*

- Learnt about threat identification ,preventions, and network security of an Organisation .
- Learned about use of Packet Tracer.

**DEPARTMENTAL INTERNSHIP**

**JUNE 2020 - AUGUST 2020**

*Design/Code Intern*

*In college*

- Worked on Robot prototype , a simple path following Robot.
- Learnt about CAD/ and code in Arduino

## Achievements

- **ATTENDED SCIENCE CAMP** The camp organized by Department of Science and Technology (Under GOI )  
Learnt about new technologies and their future scope.
- Runner- up in Cricket Tournament in SPARDHA(Inter-departmental )
- Co-ordinator in Annual Sports fest (SPARDHA)
- Runner-up in Chess Tournament in College.

## Certifications

- Introduction to Cybersecurity by Cisco
- Cybersecurity Essentials by Cisco
- Introduction to the Internet of Things and Embedded Systems by Coursera

## Extra-Curricular

- Member of Quizzinga (Quiz club of College )
- Sketching

## Profile Links

- Github
- Leetcode