

# ASHISH KUMAR MISHRA

✉ [ashishgk1999@gmail.com](mailto:ashishgk1999@gmail.com) | [in LinkedIn](#) | [GitHub](#) | ☎ +91-9309518109

## EDUCATION

<b>Bhartiya Vidyapeeth University, Pune</b> B.Tech in Electronics Engineering  Percentage : <b>86%</b>	2018-2022
<b>Kendriya Vidyalaya No.1 A.F.S. Pune</b> Class XII (CBSE)  Percentage : <b>70%</b>	2017-2018

## WORK EXPERIENCE

<b><u>1 YEAR   TAKSHASHILA INSTITUTE   TUTOR   FULL-TIME   PUNE</u></b>	Nov 2021-Aug 2022
<ul style="list-style-type: none"><li>• Taught Mathematics as lead faculty and increased the result of the subject by 75%.</li><li>• Enhanced the parent-to-teacher-to-student communication ratio by 40% by implementing a feedback facility and test-series feature at the institute.</li><li>• Mentored and coached 65+ students with a focus on developing independence and self-confidence.</li></ul>	

## PROJECTS

<b><u>Bank Management System   Python   MySQL</u></b>	Oct 2022 - Nov 2022
<ul style="list-style-type: none"><li>• Created a virtual bank, where user input is kept in a MySQL database in tabular form, and CRUD operations are performed.</li><li>• Developed for bank employees to keep their customers' records and reduce the cost of operation by 60%.</li><li>• Accomplished 24/7 availability for customers to make transactions.</li></ul>	
<b><u>Vehicle Controlled by Hand Gesture Using Python</u></b>	Jan 2022 - Mar 2022
<ul style="list-style-type: none"><li>• Designed an accelerometer-based hand gesture-controlled vehicle with the help of Raspberry pi Pico so that it can move towards any path 100% effectively.</li><li>• Boosted vehicle's speed by 65% using Python and external power adaptor instead of batteries and Arduino.</li><li>• Advanced the movement of a disabled person by 30%, and military landmine detection will be 80% more accurate.</li><li>• Link:- <a href="#">IRJET</a></li></ul>	
<b><u>Car Parking System Using RFID   C   C++</u></b>	Mar 2021 - May 2021
<ul style="list-style-type: none"><li>• Formed an RFID-based car parking system using Arduino, allowing only authorized personnel with valid RFID cards.</li><li>• Maintained 100% security and minimized the chances of allowing entry to a user with false credentials.</li><li>• Revive time by 25%, and accurate timing details are measured with the RTC Module's help, saving time.</li></ul>	

## SKILLS

- **Technical Skills:-** HTML | CSS | JavaScript | Python | SQL |C |C++.
- **Certificates:-** Programming with Python, C Programming, SQL for beginners, Introduction to C++
- **Interests:-** Software Development, Data, and Business Analytics, Artificial Intelligence, Machine Learning, Web Development, and Data Science.
- **Soft Skills :-** Bias for action| Team Work | Pro-active | Deliver results

## POSITION OF RESPONSIBILITY

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|--|---------------------|
| • Hardware and Software Designer in College Projects                           | Feb 2021 - May 2022 |
| • Worked as Public Relations Head and Senior faculty at Takshashila Institute. | Dec 2021 - Aug 2022 |

## ACCOMPLISHMENTS

- Led the team to victory in the Kabaddi department tournament in 2021.
- Often interacted with various students, encouraging outstanding communication and creative thinking.