

# Deepak Verma

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## Education

<b>G L Bajaj Institute of Technology and Management Greater Noida, UP</b> <i>Electronics and Communication Engineering [CGPA: 8.62/10]</i>	B.Tech 2021-2025
<b>C.R.T.S.V.M Siswa Maharajganj, U.P.</b> <i>U.P. Board, Percentage: 83.2%</i>	(Class XII) 2019-2020
<b>S.P.B.I.C. Ghughli Maharajganj, U.P.</b> <i>U.P. Board, Percentage: 85.5%</i>	(Class X) 2017-2018

## Projects

### Electric Piano Circuit using 555 Timer IC [Overview](#)

- Designed and implemented an electronic piano circuit.
- Utilized 555 Timer IC for generating tones.
- Overcame design challenges related to tone accuracy.

### Electronic Voting Machine (EVM) using Arduino UNO [Overview](#)

- Developed a secure and efficient electronic voting machine.
- Programmed using C++ and Arduino IDE.
- Ensured security features to prevent tampering.

## Skills

- Hardware Design** : Digital Electronics | Analog Electronics | VLSI | Verilog | FPGA
- Software Tools** : CAD | MATLAB
- Programming Languages** : C | C++ | Python
- Technologies and Libraries** : HTML | CSS
- Relevant Courses** : Data Structure and Algorithm | OOPS | Operating System | Networking
- Soft Skills** : Communication | Critical Thinking | Analysis Skills | Problem Solving | Adaptability

## Licenses & Certifications

- IoT Fundamentals** :Received Certification of completion by Cisco Networking Academy [Certificate](#)
- Cyber Security** :Received Certification of completion by Cisco Networking Academy [Certificate](#)
- Operating Systems** :Received Certification of completion by Cisco Networking Academy [Certificate](#)
- Basics of Electronics** :Received Certification of completion by Infosys Springboard [Certificate](#)
- Azure Fundamental Challenge**:Received a certification of completion by Microsoft Learn [Certificate](#)
- MATLAB Beginners** :Received a certification of completion by Infosys Springboard [Certificate](#)
- MATLAB Advanced** :Received a certification of completion by Infosys Springboard [Certificate](#)
- VLSI - Chip Designing & Verilog Programming** : Certified by Infosys Springboard [Certificate](#)

## Achievements

- SIH (2023)** : Selected in Internal Hackathon for **Smart India Hackathon 2023** [Certificate](#)
- INSPIRE Award** : Received an offer letter & Scholarship by the **Indian Government** [Offer Letter](#)