



# PRADIPTA CHAKRABORTY

Undergraduate **ELECTRICAL AND ELECTRONICS ENGINEER**

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## SUMMARY

Enthusiastic Electrical and Electronics Engineering student eager to make a positive impact through innovative Problem-Solving and teamwork. Passionate to learn new skills quickly.

## SKILLS

- Java
- C
- HTML
- CSS
- JavaScript
- ReactJS
- ETAP
- PSIM
- FreeCAD
- MATLAB
- Team Management

## LANGUAGE KNOWN

- English
- Bengali
- Hindi

## HOBBIES

- Playing Cricket
- Playing Football

## REFERRAL

Samrat Das

Contact no: 9832472431

## EDUCATION

- **B. Tech in Electrical and Electronics Engineering** pursuing final semester (8<sup>th</sup>) from Academy of Technology, affiliated to Maulana Abul Kalam Azad University of Technology, WB  
**CGPA (up to 7<sup>th</sup> Sem): 8.98** **June 2021- June 2025**
- **Higher Secondary [WBCHSE]** from Baidyapur Ramkrishna Vidyapith with **91%** **2021**
- **Secondary [WBBSE]** from Baidyapur Ramkrishna Vidyapith With **92.14 %** **2019**

## PROJECTS

- **Optimization of Waste Monitoring and Controlling Using Smart Bin**
  - Created a smart trash bin which can segregate biodegradable and non-biodegradable waste using sensors and ML Model. **[2023-2024]**
- **Voice enabled real time weather application** [Link](#) [Github Link](#)
  - A website built with HTML, CSS, and JavaScript that provides real-time updates on temperature, humidity, and wind speed by allowing users to search for a city by name. **[2024]**
- **Tic-Tac-Toe game | React** [Link](#) | [Github Link](#)
  - Developed a Tic-Tac-Toe game using React where user can see their score and can reset the board when they want. **[2025]**

## TRAININGS & CERTIFICATES

- **Vocational Training at Mejia Thermal Power Station, DVC**  
**1<sup>st</sup> July-15<sup>th</sup> July 2024**
- **EV - Vehicle Dynamics and Electric Motor Drives [NPTEL]**  
**JAN – MAR 2024**
- **Etap with fully practical approach course [Udemy]** **Oct 2024**
- **Programming for Everybody (Getting Started with Python)** **July 2023**

## ACHIEVEMENTS

- **Conference paper** on our project entitled “**Optimization of Waste Monitoring and Controlling Using Smart Bin**” published on **IEEE** in 4<sup>th</sup> International Conference on C3IT 2024 | [Link](#) **Jan 2025**
- Getting the opportunity to work as a member in one of the **DSIR** sponsored Project entitled “**Techno Commercially Optimized Waste Management System Based on Smart Trash Bin**”. **2023-Ongoing**
- **Second Rank, in Edrenaline (Bluetooth Control RC car creation and racing event)** at TechFiesta'24, Academy of Technology **April 2024**
- Secured **9<sup>th</sup> position** in **IDEATHON (Inter College Tech Model Competition)** of **Wavicle 5.0** organized by the Department of **EIE & ECS** of **Techno Main Saltlake, Kolkata** **14<sup>th</sup> May 2024**