

Raju Adhikary

Innovative Engineering Student

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Location: Chakdaha(741222), Nadia, West Bengal, India



About Me

A driven Electrical Engineering student passionate about IoT, embedded systems, power electronics, and software development. Skilled at combining hardware and software to create practical, real-world solutions. Focused on continuous learning and hands-on project development.

Education

Certificate	Board	Stream	Institution	Year	%
Diploma	WBSCTE	Electrical Engineering	Ranaghat Govt. Polytechnic	2022-2025	82.2
National Trade Certificate(ITI)	NCVT	Refrigeration and Air Conditioning	Fulia Govt. ITI	2020-2022	91.38
Secondary	WBBSE	General	Chakdaha Bapuji Vidyamandir	2020	52

Internship

- WBSEDCL (Vocational Training at sub-station Upto 11/33KV)

Relevant Skills

- Software Tools:** AutoCAD (layout reading/mods), Microsoft Office Suite, Google Workspace
- Engineering:** Basic HVAC concepts, Electrical fundamentals
- Embedded Systems:** Microcontroller Programming (STM, ESP, Raspberry Pi)
- Soft Skills:** Problem-Solving, Team Collaboration

Additional Skills

- Programming:** Python, C++, JavaScript, HTML/CSS, Assembly
- Other Tools:** \LaTeX , Apps Script

Projects

- ECG Monitoring Device:** Designed and developed a cost-effective real-time ECG monitoring system as part of a final-year project, utilizing microcontrollers and INA integration.
- Exam and Quiz Platform:** A fully functional web application built using HTML, CSS, and JavaScript to simulate online mock exams for technical certifications.
- CNC Plotter System:** Engineered a CNC plotter system using ESP32 for plotting and engraving.

Languages

- English
- Bengali
- Hindi

Declaration

I hereby affirm that the details furnished above are accurate and true to the best of my knowledge.

Place: _____

Date: _____

Signature: _____

(Raju Adhikary)