

UTPAL ROY

Srinagar, West Midnapore, India

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EDUCATION

Bengal College of Engineering & Technology

B. Tech in Electrical Engineering (SGPA 8.82 up-to 6th Sem)

Durgapur, India

Aug 2021-June 2025

Jara High School

Higher Secondary in Science (91.4%)

West Midnapore, India

2021

Srinagar High School

Secondary (94%)

West Midnapore, India

2019

SKILLS

Languages: C, Java, Python, HTML, CSS, MATLAB

Measuring Instruments: Good knowledge on construction and operation of electrical and electronic measuring instruments such as Ammeter, Voltmeter, Wattmeter, Oscilloscope, Multimeter etc.

Power System Equipment: Good knowledge on working of different power system equipment and different protection schemes used in power system

Circuit Design & Analysis Tools: Proteus, Arduino

Others: Data Structures and Algorithms, Object Oriented Programming

INTERNSHIPS/ TRAINING

Durgapur Steel Plant

Industrial Trainee

Durgapur, India

Dec 2023 – Jan 2024

- Gained knowledge on different steps involved in making steel such as sinter formation, iron making in Blast Furnace, formation of steel in BOF and Continuous Casting.
- Visited the power substation and gained knowledge on working of Circuit Breakers, Relays and different protection schemes used in power system.

EduSkills Virtual Internship in Robotic Process Automation

Blue Prism Associate Developer

Dec 2022 – Feb 2023

- Learnt to build Robotic Processes to automate tasks using Blue Prism.
- Earned internship completion certificate from AICTE and EduSkills.

PROJECTS

Portfolio Website | *HTML, CSS, JavaScript* | [Website](#) | [Github](#)

- **Description:** Developed a simple personal portfolio website using HTML, CSS and JavaScript.
- Deployed the website using GitHub Pages.

Automatic Irrigation System | *Arduino Uno Board, Arduino IDE*

- **Technologies Used:** Arduino Uno, Arduino IDE, Soil Moisture Sensor, Relay Module, LCD display, Battery.
- **Description:** Developed an automated irrigation system for watering plants whenever the soil is below a certain moisture level.
- Connected an LCD display to show the moisture level of the soil and the status of the water pump.

LANGUAGES KNOWN

- ENGLISH
- BENGALI
- HINDI

HOBBIES

- Reading books
- Programming