

SIDDHARTHA GOSWAMI

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Professional Summary

Quick-learning and innovative Electrical Engineer with hands-on experience in electrical system design, maintenance, and quality assurance. Proven ability to manage and execute electrical projects, perform quality checks, and optimize power generation processes.

Technical Skills

- **Operating Systems:** Windows, Linux
- **Programming Languages:** HTML, c/c++, Javascript, python
- **Tools:** MS Excel, MS PowerPoint, MS Word, AutoCAD Electrical
- **Electrical Engineering:** Power generation, Renewable Energy, Automation, Power Distribution, Electrical safety, Control System, Project Management

Education

- Bachelor of Technology in Electrical Engineering, Dr B C Roy Engineering College, Durgapur (MAKAUT) - **8.23 CGPA**
- Diploma in Electrical Engineering, Mallabhum Institute Of Polytechnic (W.B.S.C.T.E) - **71.9% (2021)**
- Higher Secondary, Bishnupur Krittibash Mukherjee High School (W.B.C.H.S.C) - **58.20% (2018)**
- Secondary, Radhanagar High School (W.B.B.S.E) - **72.85% (2016)**

Work Experience

Associate Trainee, YAZAKI India Private Limited (May 2021 - Sep 2021)

- Conducted quality checks on car Electrical wiring systems ensuring compliance with safety standards.
- Assisted in the manufacturing process of automotive electrical components.

Training

Durgapur Project Limited (Aug 2023 - Sep 2023)

- Gained practical experience in power generation and maintenance at a thermal power station.
- Applied electrical engineering knowledge to the operations of a large-scale power plant.

Projects

Solar PV Power Predictions using Machine Learning and PID Controller

- Developed a system to predict the optimum reference voltage of the PV panel under various weather conditions.
- Ensured maximum power output by optimizing the performance of the PV panels through machine learning.

Certifications

- Participant at Global Entrepreneurship Summit 2023, IIT Kharagpur (**Feb 2023 - Apr 2023**)
- Advanced Diploma in Office Accounting And Publishing - Grade: A+ (**Jan 2020 - Dec 2020**)

Languages

- English: Full Professional Proficiency
- Bengali: Native or Bilingual Proficiency
- Hindi: Full Professional Proficiency

Soft Skills

- Communication Skill
- Innovative Thinking
- Leadership
- Attention to Detail
- Team Player
- Time management