

Abhishek Kumar

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Objective

To make contribution in the organization with best of my ability and also develop new skills during the interaction to achieve new heights.

Experience

- NTPC Kanti** December 2024 - December 2025
Electrical Intern
 - Assisted in the operation and maintenance (O&M) of high-capacity generators, transformers, and switchyard equipment within a thermal power plant.
 - Gained hands-on experience in monitoring Control & Instrumentation (C&I) systems and understanding the logic of DCS (Distributed Control System).
 - Observed and documented preventive maintenance procedures for LT/HT motors and electrical panels to ensure uninterrupted power generation.
 - Coordinated with senior engineers to perform fault analysis and troubleshoot electrical protection systems (relays and circuit breakers).
 - Learned and followed strict industrial safety protocols and Single Line Diagrams (SLD) for power distribution across the plant units.
- Bihar State Power Transmission Company Limited** March 2022 - April 2022
Intern
Operation and Maintenance of Grid Substation

Education

- BEU** 2024
EEE/B.Tech
7.58 CGPA
- BSEB** 2020
Intermediate
76 %

Skills

- Matlab & Simulink
- AutoCAD
- Site Supervision & and Execution
- Problem solving

Projects

- Crack Detection Robot**
Engineered a GSM/GPS-enabled robot to automatically detect and report railway track cracks with real-time location coordinates.
- Drone**
Developed a quadcopter using Arduino UNO R3 and MPU6050 sensor module for stable flight dynamics and control.

Certificates

- Data science using Python - Department of Science & Technology and IIT Roorke
- Workshop - Antariksha Research and Development
- Salesforce Administrator