

TONY BENNY

+91 8547872365



searchingtobe@gmail.com



Electrical Engineering Graduate

Angamaly, Kerala



SUMMARY

Electrical Engineering graduate (2023) with one year of Graduate Apprentice Trainee experience at Power Grid Corporation of India Ltd. Hands-on exposure to EHV substation operations (400kV & 220kV), power transmission systems, switchgear, transformers, and preventive maintenance. Strong understanding of electrical safety practices, grid operations, and core power system fundamentals. Motivated to build a career in the power and electrical engineering sector.

EDUCATION

Government Engineering College, Thrissur

Bachelor of Technology (B.Tech) – Electrical & Electronics Engineering

2019-2023

Aggregate : 80.9%

Holy Grace Academy Mala

Higher Secondary (Science Stream)

2017-2019

Aggregate: 96.66%

PROFESSIONAL EXPERIENCE

Graduate Apprentice Trainee - Electrical Powergrid Corporation of India Ltd (PGCIL) 2023-2024

- Assisted in testing, inspection, and operation of 400kV and 220kV EHV substation equipment, ensuring compliance with safety and performance standards
- Supported routine monitoring of Interconnecting Transformers (ICTs), reactors, and battery backup systems, including temperature and voltage analysis
- Participated in preventive maintenance activities for transformers, circuit breakers, relays, and switchgear
- Observed and assisted in high-voltage testing of critical substation components
- Followed electrical safety procedures, standard operating protocols, and grid reliability practices during operations

SKILLS

- Analytical & Problem-Solving Skills
- Communication Skills
- Ability to work in teams

PROJECTS

Smart Pet Feeder

- Designed an automated food dispensing system using embedded control logic using microcontroller concepts for scheduled and on-demand feeding.
- Focused on portion control, timing accuracy, and basic system automation.

TOOLS & SOFTWARE

- Autocad Electrical
- MATLAB / Simulink
- LTspice
- Arduino IDE
- Basic programming (C, Python)
- MS Excel, MS Word, MS PowerPoint

CERTIFICATIONS

- Graduate Apprenticeship Training Power Grid Corporation of India Ltd.
- Embedded Systems Workshop TEQIP Phase III
- Electric Vehicles Development Techmaghi / Kerala Startup Mission
- Electrical Schematics (Industrial Controls) by Iconic Educademy