



BHUVANESH KUMAR R

Electrical & Electronics Engineer



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Tiruvannamalai, Tamil Nadu,
606 805

CAREER OBJECTIVE

Electrical and Electronics Engineering graduate with hands-on experience in substation operations, smart grid technologies, AI applications, and electrical system maintenance. Seeking an entry-level Electrical Engineer position where I can apply my technical knowledge, problem-solving skills, and passion for innovative energy solutions.

EDUCATION

2022 - 2026
ANNA University

B.E-ELECTRICAL & ELECTRONICS ENGINEERING
Completed my U.G degree at **Krishnasamy College of Engineering and Technology**,Cuddalore.
with a **CGPA of 8.56/10** .

2020 - 2022
S.R.G.D.S Matric Hr sec
school, Tiruvannamalai

HIGHER SECONDARY
Completed HSC at S.R.G.D.S. Matric Higher Secondary School with 75%, building a strong academic foundation for higher studies.

2019 - 2020
S.R.G.D.S Matric Hr sec
school, Tiruvannamalai

SSLC
Completed SSLC at S.R.G.D.S. Matric Higher Secondary School with 54%, laying the foundation for higher education.

INTERNSHIP

2025
TNEB

Internship Trainee
Completed an internship with hands-on experience in 110 kV Substation Operations, including equipment inspection, preventive maintenance, meter testing, and protective relay testing under Tamil Nadu Electricity Board (TNEB) guidelines.

2025
PROFENNA
TECHNOLOGIES

Internship Trainee
Completed my internship at PROFENNA Technologies, focusing on Smart Grid technologies and their practical applications.

2024
RINEX TECHNOLOGY

Internship Trainee
Completed my AI internship from 7th March to 1st May 2024, gaining practical knowledge in Artificial Intelligence concepts and applications.

PROJECTS

- **Smart Transformer Health Monitoring System Using IoT** - Developed an IoT-based transformer monitoring system for real-time monitoring ,fault analysis and protection .
- **QuinEnergy Drive** - Designed a multi-energy hybrid drive integrating fossil, hydrogen, electric, solar, and regenerative systems for improved efficiency
- **Eco Fuel Bike (Hydrogen-Based):** Designed a renewable energy-based hydrogen system for clean transportation
- **Smart Dual Grid Supply** - Designed an automatic dual power supply system for uninterrupted and reliable power delivery.

SKILLS

- | | | |
|-----------------|------------|----------------|
| • Matlab | • PV-Syst | • Drone Design |
| • PCB Designing | • Mi-power | • MS- Office |

LANGUAGES

- ENGLISH
- TAMIL
- TELUGU

ACHIEVEMENTS

- Recognized with the 1st Prize for the research paper “Eco Fuel” in the National Level Paper Presentation, @KCET- 2025.
- Participated in paper presentation @MEC-2024.
- Presented multiple innovative papers and projects at technical events.