Phiroj Husain *Graduate Electrical Engineer*

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📍 Mayadevi 2 Rupandehi Nepal 🚩 Nepali

🔗 https://flowcv.me/husain-phiroj in linkedin.com/in/phiroj-husain-m-8301a71b2

Profile

An organized and meticulous individual seeking an entry-level position in the field of Electrical, Project Management. Skilled at developing reports, analyzing data, and identifying solutions. Possess strong project management skills as well as a willingness to learn new skills and contribute new ideas to projects.

Education

07/2019 – 06/2023	**B.Tech Electrical Engineering** *Parul University*	Vadodara-Gujarat, India
05/2017 – 05/2019	**High School/ Science** *Tilottama English Secondary School*	Saupharsatikar, Nepal
05/2014 – 04/2017	**SEC** *Shanta Jyoti English Boarding School*	Chilya, Nepal

Professional Experience

11/2021 – 03/2023
Team Manager
Parul Hostel Management Committee
Vadodara, India

04/2022 – 05/2022
Assistant Electical Engineer Intern
Nepal Electricity Authority ↗
Amuwa, Nepal
- Test Automation ·
- Matlab Simulink ·
- Testing ·
- Sub-Station Operation and maintenance ·
- Time of the Day (TOD) meter ·
- Consumer Services

08/2023 – 03/2024
Electrical Engineer Intern
Nepal Electricity Authority, Amuwa
Amuwa, Nepal

Skills

Arduino	● ● ● ● ○	MATLAB	● ● ● ● ○
Test Automation	● ● ● ● ○	Programmable Logic Controller	● ● ● ● ○
Microsoft Powerpoint	● ● ● ○ ○	Microsoft Word	● ● ● ● ○
Project Management	● ● ● ○ ○		

Certificates

Coursera "Electric Power Systems"
Key Skills: Utility Industries Power System Electricity Generation

Coursera "Introduction to solar cells"
Key Skills: Solar Energy Production, Solar Efficiency

"C for Everyone:Programming Fundamental"

Languages

English
IELTS: 6.5,

German
A2

Projects

06/2022 – 02/2023

"Energy Monitoring and Detection of Distribution Losses"
In this project, an algorithm for calculating voltage drop across the low voltage distribution network due to line impedance is developed based on smart metering data. The algorithm is based on the application of kvl in distribution system. Where the voltage and current information from various nodes are analyzed and any anomalous are used to detect the thefts and their corresponding locations.

Publications

12/05/2023

Energy Monitoring and Detection of Distribution Losses
INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)

📚 Courses

Workshop- "Introduction of PLC and Automation"   Vadodara, India

Parul Institute of Engineering and Technology

Key Skills: Ladder Logic Industrial Automation Workshop organised by Parul
University on Introduction of PLC and Automation

"Modern Trends in Developing a Sustainable and Ecological Conscious   Vadodara, India
City" - Merit Certificate

Parul Institute of Engineering and Technology

Key Skills: Sustainability Smart City Building "Modern Trends in Developing a
Sustainable and Ecological Conscious City"

✏️ Declaration

I hereby declear the above stated informations are true on best of my knowledge.

Phiroj Husain

Mayadevi, 22-sep-2024