

Ahmad Usman (Visa status: Dependent. No work restrictions)

United Kingdom | ahmadusman.5.au@gmail.com | +447435813169

Education

BSc: Electrical Engineering (equivalent to level 6 - ECCTIS UK)
University of Engineering and Technology, Taxila - Pakistan
Grade: 2:2

Jan 2020

Project

**Maximum Power Point Tracking of PV Solar System with Hybrid Technique
Fractional Open Circuit Voltage and Genetic Algorithm** – BEngg Final Year

Dated: 07/2017 - 12/2018

- Designed solar system electronic circuit integration with Arduino controller and inverter to yield the required output.
- An approximate 98% efficiency was made possible using the hybrid technique with the collaboration of design supervisor.

Experience

WordPress Web developer
Hutt Creative Studio – New Zealand (Remote)

Apr 2023 – Present

- Developed and optimized web portfolios for better user experience accumulating more lead generation.
- Incorporated payment gateways ensuring seamless payments for the users.
- Applied technical SEO techniques optimizing the overall front-end for better reach.
- Customizing platform capabilities, allowing easier content management for the customer support team.

Field Service Engineer
Protechbyte – Pakistan

July 2022 – Dec 2022

- Led a team of 2 technicians in delivering complex installations and network configurations.
- Coordinated with third party vendors to deliver and install IT hardware for Point of Sale (POS) systems ensuring seamless integration exceeding customer expectations.
- Provided on-site and remote support for maintaining and troubleshooting equipment network, minimizing operational downtime and enhancing overall system reliability.

Security Engineer Intern
Globe Wise Solutions - Pakistan

Jan 2022 – June 2022

- Designed physical network layer of CCTV systems to improve coverage and efficiency.
- Assisted in project planning and commissioning ensuring on-time delivery within budget constraints.
- Worked with the lead Security Engineer in conducting building surveys and identifying security vulnerabilities leading to improved security measures.

Dispatch Coordinator
Muller & Phipps Express Logistics - Pakistan

Sep 2020 – Nov 2021

- Acted as primary communication link between field staff and office, relaying critical information.
- Managed dispatch records and prepared reports on daily activities and performance metrics.

Volunteer Work

Solar System planning, design and commissioning

Jan 2021– Dec 2023

- Volunteered in solar system installations helping the cause to increase conversion towards renewable energy solutions promoting greener future.

Skills

Engineering Drawings, AutoCAD, PSpice, MATLAB Simulink, PCB design, Soldering, Microsoft 365, TCP/IP network, Python, Solar System Design, CCTV System, Intrusion Detection System, Point of Sale System, Server management, Cable management, Operating tools, Testing instruments.