Abdul Rehman

Electrical Power Engineering
engr.aabdulrehman@gmail.com
+923129661636

SUMMARY

Certified Engineer from Pakistan Engineering Council bachelors in **Electrical Power Engineering** To acquire a professional place in a well-reputed organization where I can apply my technical, managerial knowledge and experience gained at various academic and professional places and also work as an active team member, in a prestigious and renowned organization to gain and share practical & advanced knowledge and experience that will help me grow along with the organization. Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use.I would do my work responsibily from initiation to closing for successful energization. Managing activities during design, procurement, construction, installation, erection, testing, and energization up to closing.Prepares product reports by collecting, analyzing, and summarizing information and trends.Maintains professional and technical knowledge by attending educational workshops,reviewing professional publications, establishing personal networks, participating in professional societies. I am highly self-motivated, and possess the capabilities as well as the capacity to fulfill all my responsibilities to the best of my abilities.

EXPRIENCE

Trainee Engineer (Telecommunication side) at Pakistan Telecommunication Company Limited (PTCL) Haripur, Pakistan

3 Month,s

Duties & Responsibilities:

- Worked in different Shops related to Electrical Power like Generators, Batteries.
- Study about battery backups for communication devices.
- Acquired extensive knowledge of Cellular telephony and networks.
- Worked on a system checking the internet service of an entire region.
- Got familiar with telephone directories and communication network consisting of PSTN, BTS, BS, MSC
- Prepared and delivered graded assignments and reports.
- Visiting the site and Calculating the required data to be supported as per customer requirement.
- Study customer requirements.
- Handling the Computer Network System of the Organization.
- Troubleshoot PTCL,DSL Broadband problem.
- Worked in different Shops related to Electrical Power like Generators, Batteries.
- Study about battery backups for communication devices.
- Frequently fix the disconnection problems of landlines.
- Also got experience in management side .

Trainee Engineer Heavy Electrical Complex Haripur, Pakistan
Jun 2018 –Present

Duties & Responsibilities :

- To work in different workshops related to the manufacturing of high voltages transformer intial up to ending.
- Gain pratical knowlege about core winding of transfomer.
- Work on different machines use for the manufacturing of different parts of transformer
- To work closely in various Team with in organization.
- Developer full understanding of the work undertaken and to develop a good all round knowledge of organization and industry
- Under ,supervision undertake various system related Projects
- To improve the reliability and efficiency of supply with the appropriate industry standards.
- Understanding the construction of High volatges transformers initial up to closing .
- Manufacturing of Power Transformer 20/26 MVA and 40 MVA for the various electric supply and industrial and different companies in pakistan.

CERTIFICATION

Pakistan Telecommunication Company Limited (PTCL)
Location : Haripur
About : PTCL has evolved to offer latest digital and telecommunication technologies today. With the largest fixed line network of the country, PTCL offers products and services like high speed Broadband internet, CharJi wireless internet, Smart TV (IPTV) service, over-the-top (OTT) applications like Smart Link App, Smart TV App and Touch App, and world class digital content like Netflix, iflix and icflix. PTCL's enterprise grade platforms like Smart Cloud, Tier-3 Certified Data Centers, Managed Services and Satellite Services are meeting the connectivity needs of organizations and enabling businesses to operate more efficiently.

Heavy Electrical Complex (HEC)
Location : Haripur
About : The Ultimate Objective Of The Organization Is Progress Through Better Services And Manufacturing Of Quality And Reliable Power Transformers To Meet The Exclusive Requirements Of DISCOS, NTDC, KESC, GENCOs And Local Heavy Industry.

PROFESSIONAL QUALIFICATION

SCET/University of Engineering and Technology (UET) ,TAXILA
Bachelor of Engineering (BE), Electrical Power Engineering, 2013- 2017
Grade: (3.35/4.00) A1

Jinnah Jame School and College
HSSC, Pre-Engineering, 2010 – 2013
Grade: A

Jinnah Jame School and College
SSC, Science, 2008 – 2010
Grade: A

MAJOR SUBJECTS

Power System Analysis ,Principles of Management , Communication Skills, Engineering Economics,Electrical Machines,Electric Power Generation & Utilization, Electronics Circuits, Power System Transmission, Distribution, Protection,Power Electronics,Control Systems.

PROJECTS IN UNIVERSITY

Final Year Project

Anamitronics Hand Gastures Replicating System.The main objective of our project Animatronics Hand gesture Replicating system is to design a prototype to replicate human gestures with the help mechanical hand that we will used this project to achieve desired tasks in that location where the human entrance is difficult. The hand model of "Animatronics Hand Gesture Replicating System" mechanism in the same way as our hand and replicates rebuilds and re-forms our hand gestures providing a full command and ability over the inappropriate location.This also delivers the application of "Animatronics Hand Gesture Replicating System" where the environmental conditions might be inappropriate, unsuitable, dangerous and risky for humans. Therefore "Animatronics Hand Gesture Replicating System" helps working in a effective way to automation in the locations where condition does not allow human presence. where the human entrance is difficult.

Semester Projects

- **Quiz buzzer using 8051 microcontroller**

The 8 Channel Quiz Buzzer Circuit using Microcontroller is a simple embedded system with a set of 8 push buttons being the input devices, a microcontroller as the main controller and the output devices being a buzzer and a display.The whole operation is carried out by a microcontroller through a program written in C language and dumped inside the microcontroller. When one of the buttons is pressed, the buzzer starts ringing and the corresponding number is displayed on the 7 segment display.

- **Laser security Alarm system**

When any person or object crossover the laser line the security alarm will ringing and also the focus light will “on” to focus the entrance of unauthorized person.We can also call it as Laser Based Security alarm as it is a Light Activated Alarm circuit

- **Battery Level Indicator Circuit Principle**

The heart of this battery level indicator circuit is LM3914 IC. This IC takes input analog voltage and drives 10 LED’s linearly according to the input analog voltage. In this circuit there is no need of resistors in series with led’s because current is regulated by the IC.

- **Solar Battery Charger Circuit Principle**

Solar battery charger operated on the principle that the charge control circuit will produce the constant voltage.The charging current passes to LM317 voltage regulator through the diode. The output voltage and current are regulated by adjusting the adjust pin of LM317 voltage regulator. Battery is charged using the same current.

SKILLS & EXPERTISE

Microsoft Office,Outlook ,C++,oops,Matlab,AutoCAD,Pspice,Electronic Work Bench ,Kiel,Proteus, Multisim Arduino ,ZigBee,Simulink,Pro-Engineering, Time Management

- Developed good written communication skills through project work and lab reports.
- Have given several presentations at the different stages of my academic carrier.
- Participated in different Universities events.
- Interest in playing cricket and reading general knowledge books.
- Speaking, writing, listening skills in: English, Urdu.
- Training for Safety

LANGUAGES

English (professional proficiency)
Urdu (professional proficiency)

All References will provide on demand