**ALI, MIET**

**Ali.366772@2freemail.com**



**Profile**

An energetic, highly motivated and dynamic Electrical Power System Engineer with abilities to work in diverse environment. Good leadership and communication skills including managing and motivating other colleagues to achieve the organisational goals. A keen learner and productive in high volume and high stress environment.

MSc Engineering management has brought together the solution of technological problems and the organizational, administrative, and planning abilities of management in order to oversee the complex enterprises from conception to completion.



**Experience**

* **Quality Control Engineer at Mobil Power Solution Ltd**.(August 2014 - June 2015)
	+ Responsible to ensure the quality of products (Led Lights) on daily basis production and to forward the report of quality checking to head office.
	+ Efficiency analysis of different converters for LED drive circuits.
	+ Coordination with marketing team about the quality issues and market demand.
	+ Responsible to monitor the complaint cell team of the organization.
	+ Responsible for maintaining quality standards defined by Pakistan Engineering Council (PEC).



**Internships / Volunteer work**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | June 2013- August 2013 | Internee Electrical |  Practical exposure in power |  |
|  |  | Engineer at Mobil Power |  | electronics like converters, |  |
|  |  | Solution Ltd. |  | solar charge controller, pure |  |
|  |  |  |  | sine wave inverter using PIC |  |
|  |  |  |  | microcontroller etc. |  |
|  |  |  |  Mainly R&D work was about |  |
|  |  |  |  | home automation and |  |
|  |  |  |  | monitoring system and LED |  |
|  |  |  |  | driver for solar lights |  |
|  | July 2012- August 2012 | Internee Electrical |  | Manufacturing and |  |
|  |  | engineer at Pak Electron |  | maintenance of different |  |
|  |  | Ltd. |  | types of transformers, Switch |  |
|  |  |  |  | gears and Energy meters. |  |
|  |  |  |  Inspection and testing of |  |
|  |  |  |  | transformers |  |
|  | June 2012- July 2012 | Volunteer Work at |  | Attended workshops and |  |
|  |  | National Transmission and |  | training sessions on Steam |  |
|  |  | Dispatch company Ltd. |  | and Gas power plants |  |
|  |  |  |  Practical knowledge in Power |  |
|  |  |  |  | Generation, Transmission |  |
|  |  |  |  | and distribution |  |
|  |  |  |  |  |  |

**Technical Proficiency**

Skills

Programming languages

Professional software

Capable of using Spreadsheet.



Short course on AVR Microcontrollers.

Online course on Raspberry Pi from InterTech.

Designing of PCB on various software i.e. CAD and Dip trace.

PRINCE 2 (online course).

C++, Matlab and Assembly

Matlab, MicroC, Proteus, Simul 8, Circuit Wizard, Modelsim, Lab view, Auto CAD, ETAP, Multisim, and Microsoft Office etc.



**Education**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2015-2016 |  | **MSc. Engineering Management** |  |  |  |
|  |  |  |  |  |
|  |  | University Of The West Of England, Bristol, U.K |  |  |  |

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| 2010-2014 |  | **B.Sc. Electrical Engineering** |  |  | CGPA: 2.70 |  |
|  |  |  |  |  |  |
|  |  | University of Engineering and Technology, Taxila. |  |  |
|  |  | Executed a Final Year project on | “Design and Implementation Of |  |  |
|  |  | Wireless Power Theft Monitoring System’’ |  |  |
| 2008-2010 |  | **Intermediate Certificate Examination** (Pre-Engineering Subjects) |  | 85.4% |  |
|  |  |  |  |  |
|  |  |  |  |  |  |  |
| 2005-2007 |  | **Secondary School Certificate** (with Science Subjects) | 86.4% |  |
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**Interests**

* Attended All Pakistan Engineering Conference **APEC** held in GIKI.
* Worked with different societies at the university level and helped them to organise events.
* Worked as a **Class Advisor** in B.Sc Engineering.
* Participation in different Project Designing competitions held under Engineering council.
* Good player of Badminton and Football



**References**

Will be furnished upon request

