


## Javed Ahmed Shaikh

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## OBJECTIVE

Position as an Electrical Engineer or related position which offers key participation, team oriented tasks, immediate challenges, and career opportunity.

## ACADEMIC DETAILS

- **BE (Electrical Engineering)** [2018] in 1<sup>st</sup> Division with 77.69% from Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah
- **Intermediate (Pre-Engineering)** [2012] in 1<sup>st</sup> Division from IBA Community College, Khairpur
- **Matriculation** [2009] in 1<sup>st</sup> Division from GHS, Therhi, Khairpur Mirs

## FIELD OF INTEREST

- **Power Engineering** (Transmission & Distribution)

## WORK EXPERIENCE

Organization	Designation	Duration
<b>Madni Engineering Construction Company</b> → Served on following projects @ Solar Tube wells in various area of Sindh Province <ul style="list-style-type: none"><li>• <b>Role:</b> Being an Electrical Engineer, I have manifested the solar projects in numerous areas of province through a team of few technical minds. Basically these schemes are of Sindh Irrigation Department and are installed in off-grid area(s) to support the agricultural sector and our company stand-in as Govt. Contractor.</li></ul> @ PS-01 (Water Carrier Channel of 100 cusecs capacity), Thar Coal Project, Jhudo, District Mirpur Khas, Sindh <ul style="list-style-type: none"><li>• <b>Role:</b> Being an Electrical Engineer at my initial stage of Trainee, working on the site mentioned above as for installation of heavy water pumps for the water carrier of such capacity to Thar coal Power generation units from, in addition with that all basic &amp; related power requirements, for consumption of pumps. Here power sources are both WAPDA &amp; stand-by generators of high capacity.</li></ul>	<ul style="list-style-type: none"><li>• Site Engineer</li><li>• Trainee Engineer</li></ul>	<ul style="list-style-type: none"><li>• May, 2018 to September, 2018</li><li>• January, 2018 to April, 2018</li></ul> <p>(Overall duration) <b>08-Months</b></p>

## INTERNSHIPS (During Graduation)

Organization	Designation	Duration
<b>Central Power Generation Company Ltd. (GENCO-II),</b> @ WAPDA Training Centre, Thermal Power Station, Guddu, District Kashmore, Sindh, Pakistan <ul style="list-style-type: none"><li>• <b>Role:</b> I was recruited there for understanding &amp; working of a Power Station. The very first sector of Power system.</li></ul>	Intern	Jun 2015 - Jul 2015 <b>(04-Weeks)</b>
<b>Pakistan Steel, Karachi, Pakistan</b> <ul style="list-style-type: none"><li>• <b>Role:</b> Acquired the opportunity of working in Power Distribution Network, Engineering Labs, Cold Rolling Mills and Power Equipment Repairing Shop (Electrical).</li></ul>	Intern	May 2016 - Jun 2016 <b>(04-Weeks)</b>

<b>Pakistan Broadcasting Corporation (Radio Pakistan), @Broadcasting House, Khairpur, Sindh, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> I was persisted here for understanding the Operation and Functioning of Studios, Booth, Control Room, Process of Audio Recording &amp; Broadcast, FM &amp; AM Transmitters, Electrical Devices involved Communication Chain and Power Supply tools, Stand-by Generator &amp; Batteries.</li> </ul>	Intern	Jul 2016 - Aug 2016 (05-Weeks)
<b>Jamshoro Power Company Ltd (JPCL), Jamshoro, @Jamshoro, Sindh, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> This era was for the Technical Training &amp; presentation about Boilers, Furnaces, Generators, Control Room Operations, CTs, PTs, etc.</li> </ul>	Intern	Dec 2016 - Dec 2016 (02-Weeks)
<b>National Transmission &amp; Despatch Company (NTDC), Pakistan @500 kV Grid Station NTDC, Jamshoro, Sindh, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> I was recommended there for a brief introduction &amp; understanding of Electrical Power Transmission Network in the premises of Pakistan.</li> </ul>	Intern	Dec 2016 - Jan 2017 (02-Weeks)
<b>Habib Sugar Mills Limited, Nawabshah, Sindh, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> Here I observed the Power Generation from BAGGAS, in addition with that understand the Motors operation, Invertors, Distribution Panels, Protection &amp; Instrumentation, Etc.</li> </ul>	Intern	Mar 2017 - Mar 2017 (02-Weeks)
<b>Energy Department (Govt. of Sindh), @Directorate of Alternative Energy, Karachi, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> Here-in, the directorate was concerned with the documentation of pre-execution for wind &amp; Solar Power projects in Sindh Province, in addition with that they were also working on STDC (Sindh Transmission &amp; Despatch Company).</li> </ul>	Intern	May 2017 - Jun 2017 (04-Weeks)
<b>BYCO Petroleum Pakistan, @Mouza Kund Plant, Hub, Baluchistan, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> Here, I was explained with the Power Generation Schemes of BYCO, Fuel Quality Checking Process, Health &amp; Safety training, Etc.</li> </ul>	Intern	Jun 2017 – July 2017 (04-Weeks)
<b>Pakistan International Airlines, @ PIA Engineering Training Section (Airworthiness &amp; Management Division), Karachi, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> PIA is Nations' only institute of maintenance &amp; repairing of Aircrafts.</li> </ul>	Intern	July 2017 – July 2017 (02-Weeks)
<b>Puissant Engineering &amp; Construction Services, @ Shahdadpur Site Project, District Sanghar, Sindh, Pakistan</b> <ul style="list-style-type: none"> <li><b>Role:</b> For understanding the basic/pre-construction stages of Electrical Equipment/Appliances.</li> </ul>	Intern	Aug 2017 – Sep 2017 (02-Weeks)

## PROJECT DETAILS (Final Year Project)

**Title :** MATLAB/Simulink Based Simulation and Analysis of Power Quality Disturbances

### Objectives:

1. To develop the simulation model of power quality disturbances using Mathematical models and SIMULINK based models.
2. To analyze the power quality disturbances using wavelet transformation

**Role :** Worked as a **Group Leader** under the kind supervision of Sir Dr. Suhail Khokhar in order to pursue the Power Distribution problems, analysis & remedies.

**Team Size :** 05

## MINI-PROJECTS (During Graduation Period)

Energy Efficient Lighting System, Ultra Mosquito Repeller, Water Level Detector, Dark & Light Detector, Etc.

## SKILLS

Microsoft word, Excel, Power Point, Tremendous Communication Skills, Situation Handling Qualities, Presentation Skills, Hosting, Organizing, Etc.

## ACHIEVEMENTS

- **0.5 CPD Credits of Pakistan Engineering Council**, on “**Safety Management system**” in 2015 (Held at Quaid-e-Awam University, Nawabshah).
- **Silver Award** in Youth Skills Awards, Youth affairs Department, Govt. of Sindh 2016, (for being **2<sup>nd</sup> Best Innovative Idea** of Sindh Province in **Education Category**).
- **1.0 CPD Credits of Pakistan Engineering Council**, on “**New Trends in Telecommunication**” in 2017 (Held at Quaid-e-Awam University, College of Engineering, Larkana, Sindh).
- **1.0 CPD Credits of Pakistan Engineering Council**, on “**Technical & Thesis Writing Skills**” in 2017 (Held at Quaid-e-Awam University, Nawabshah, Sindh).
- **1.0 CPD Credits of Pakistan Engineering Council**, on “**Hydro Engineering: Feasibility, Design, Preparation & Management**” in 2017 (Held at Mehran University, Jamshoro, Sindh).

## CO-CURRICULAR ACTIVITIES

- Participated in **Science, Arts & Craft Exhibition**, 2010 (Held at IBA Community College, Khairpur).
- Participated in **Youth Organization Pakistan’s** workshop “**QUEST Career Take-off**”, 2014 (Held at Quaid-e-Awam University, Nawabshah).
- Participated in **British Council Pakistan’s** event “**21<sup>st</sup> Centuries National Youth Summit**”, 2014 (Held at Quaid-e-Awam University, Nawabshah).
- Participated in **Youth Parliament Pakistan’s** event “**3<sup>rd</sup> Youth Road Safety Conference**”, 2014 supported by **Sports & Youth Affairs Department, Govt. of Sindh** (Held at Nawabshah Gymkhana, Shaheed BenazirAbad, Sindh Pakistan).
- Participated in **Rotary International Pakistan’s** one day workshop “**Rang-e-Kainat**”, 2014 (Held at Quaid-e-Awam University, Nawabshah).
- Participated in **Higher Education Commission, Pakistan’s** Declamation Contest “**17<sup>th</sup> Allama Iqbal Shield**”, 2014 (Held at Quaid-e-Awam University, Nawabshah).
- **Organizer & Host** @Engineering, Science & Technology Enhancement Conference (ESTEC) and Exhibition 2016 (Held at Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah).
- **Director Publications & Host** @Engineering, Science & Technology Enhancement Conference (ESTEC) and Exhibition 2017 (Held at Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah).
- Participated in **Phoenix Safety Consultants, Pakistan’s** Training Seminar, 2017 (Held at Quaid-e-Awam University, Nawabshah).
- Participated in **Department of Electrical Engineering, QUEST Nawabshah, Pakistan’s** workshop “**How to Write Research Proposal & Thesis**” 2017 (Held at Quaid-e-Awam University, Nawabshah).
- Participated in **Higher Education Commission, Pakistan’s** Declamation Contest “**19<sup>th</sup> Allama Iqbal Shield**”, 2017 (Held at Quaid-e-Awam University, Nawabshah).
- Organized **Numerous Events** in My Institute & City.
- Attended Several National & International **Events, Trainings & Conferences**.

## SOFTWARE EXPOSURE

- **Electronic Workbench** (Development of Circuits)
- **MATLAB** (Basics, Graphics, Simulink, Modeling & Simulation, SimPower)
- **PLC**  
(Programmable Logic Controller) (Operations in Industrial Application, PLC Ladder Logic & Programming Concepts, Programming Application & Navigation through Mitsubishi FX software, PLC timers, I/O configuration and downloading of PLC programs)
- **E-tap** (Applications in Power System & Contraction of Single Line Diagram)
- **Arduino** (Arduino development board Hardware & Software, Basic I/P O/P & Simulation with Proteus ISIS software, Interfacing of Relays, DC-motors, Servo-motors & few sensors with Arduino and Interfacing of GSM Modules with Arduino).

## EXTRA CURRICULAR ACTIVITIES

- **Secretary Information** @Zealous Pakistan Youth Cooperation (ZPYC), Khairpur Mirs'
- **Ambassador** @Youth Parliament, Pakistan
- **Executive** @Social Students Forum (SSF-QUEST), Quaid-e-Awam University, Nawabshah
- **Member** @World Youth Alliance

## STRENGTH

Consistency in the work assigned, Sincerity, Seriousness, Honesty..

## HOBBIES

Internet, Current Affairs, Engineering Field, Etc.