

Muhammad Azeem Ehsan

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Career Objective

Looking to serve as a Professional Mechatronics Engineer role in a forward-looking organization that will allow an individual with exceptional engineering, technical and design skills to benefit the organization.

Key Skills

- Capable to work under long and stretching working hours.
- Possess excellent analytical, management, administration & problem solving skills.
- Highly organized, ability to work under pressure in fast paced environment meeting deadlines successfully.
- Hard working focused and result oriented approach gets the job done.
- Can manage time well and have good communication skills.

Experience

- Working with **Sarmik (Pvt) Limited** as a “Supervisor Engineer” at THQ Hospital Khanpur District Rahim Yar Khan from 01-01-2018 to date.

Working in the field of MEP including hands-on work, Engineering and supervising the team of technicians. Major areas and my responsibilities are:

- Maintenance and supervisor of whole hospital related to all services of MEP.
- Managing the team of different technicians like A/C, Electricians, Carpenter and Plumber.
- Regular updates and report of technical teams work to head office (Lahore.)
- Supervise/Lead the team in emergency situations in different places at a time.
- Worked for **Descon Engineering Limited** as “Maintenance Engineer (Instrumentation & Control)” at AES Lalpir Thermal Power Station from 26-07-2017 to 30-11-2017.
- Maintenance of electromechanical hardware's.
- Testing, Calibrating, Installation, Repairing, and Inspect monitoring devices.
- Major working and calibrations of valves.
- Planning, schedule and executing of daily maintenance works to meet deadlines.
- Technical analysis and troubleshooting of different types of valves.
- Non-catastrophic testing and quality management.

Academic Qualification

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| ▪ B.Sc Mechatronics Engineering | 2013-2017 |
| Wah Engineering College, University of Wah | |
| ▪ F.Sc (Pre-Engineering) | 2010-2013 |
| B.I.S.E Bahawalpur | |
| ▪ Matriculation | 2008-2010 |
| B.I.S.E Bahawalpur | |

Research and Projects

- **Senior Design Project:** Design and Installation of voice controlled mechanism on wheelchair.

▪ **Semester Projects:**

- Microcontroller based color sensor and display on LCD.
- Microcontroller based infrared temperature sensor.
- Design the tachometer & multimedia Speaker system.
- Design and programmed the line following robot.
- Data base entry system in C++.
- Design & Kinematics of Stanford Industrial Robot.

Internships

- Worked as an “Internee” at **Pakistan Ordnance Factories (POF)**, Wah Cantt From 11-08-2016 to 02-09-2016.
- Worked as an “internee” at **Pakistan Railways Carriage Factory Islamabad** from 01-09-2015 to 30-09-2015.

Seminars and Workshops

- 06-Credit Hour “**MATLAB Workshop**” at Wah Engineering College by ASME WEC Chapter.
- Attended Two Days “**1st & 2nd Multi-Disciplinary Student Research Conference**” at University of Wah.

Professional Membership

- Pakistan Engineering Council 2017
- Mechatronics Professional Society 2016-2017
- MAPS-A Student Welfare Society® 2014-2017
- American Society of Mechanical Engineers(ASME)

Achievements

- President Mechatronics Professional Society
- Organizer and Department Representator at “**2nd Multi-Disciplinary Student Research Conference**” University of Wah.
- Organizer and Representator of “Wah Engineering College” at “**1st & 2nd MAPS Southern Punjab Education Expo**”.
- Information Head in “**2nd MAPS Southern Punjab Education Expo**”.

Computer Proficiency

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| ▪ Microsoft Office | ▪ Microsoft Project | ▪ Microsoft Visio |
| ▪ MATLAB | ▪ Pro-e | ▪ Proteus |
| ▪ GMWIN | ▪ CNC Programming | ▪ Video maker FX |

Interests

- Book Reading
- Data Management
- Social Work
- Technology

References

Reference will be furnished on demand.