

MUHAMMAD SHAHBAZ

Mechanical Engineer

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Address: Venus Housing Society, Block A, House no.271-A, Ferozpur road Lahore.

Education:

Degree	Year	Institution	Percentage
MS Thermal Power Engineering	2018-2020	University of Engineering & Technology, Lahore.	(CGPA 3.23)
BS Mechanical Engineering	2018	University of Engineering & Technology, Lahore.	(CGPA 3.43)
H.S.S.C.	2014	Unique College for boys, Lahore.	90 %
S.S.C.	2012	Qazi Grammar School, Lahore.	90 %

Professional Experience:

Skyelectric Lahore, Pakistan

(November 2019)

- Sales trainee in sky electric
- Selection, optimization and Installation of hybrid and grid system Solar Panels

Bulleh Shah Packages, Kasur, Pakistan

(Aug 2016-Sep 2016)

- Worked as an Engineering Intern at Maintenance department of BSP.
- Internship Project, "Management of sealing water for pump".

PEL, Lahore, Pakistan

(Aug 2017-Sep 2017)

- Applied Lean manufacturing techniques in Assembly section at PEL Ltd.
- Maintenance of door section at PEL Ltd. (Handling of rework and rejection of various components).

Projects:

Engine Efficiency using Butanol Isomers in partner with Honda Cars Lahore:

- Used n-butanol and iso-butanol in gasoline air mixture as running fuel.
- Engine performance parameters improvement and reduction in automobile emission analysis.

Performance Optimization of SI Engines:

- Used HHO+CNG as an alternative fuel for 220cc SI Engine.
- Detailed analysis of Emission reduction(reduction of CO,CO₂,NO₂,SO₂) using EGA laboratory unit.

Computer Skills:

Microsoft Office 15	Auto CAD	RETScreen (2016)
ANSYS (2015)	Solid Edge v20	Codeblocks C++
MATLAB (2015)	Comsol (2015)	

Extracurricular Activities:

- Football (Mid fielder & defender on University team).
- Table Tennis (Participated in 3 tournaments).