

Syed Bilal Mustafa Naqvi

R-82, Sindh Baloch Society, Block-12, Gulistan-e-Johar,
Karachi, Pakistan.

bilal.m95@hotmail.com

+92 333 230 6620

25th September 2018

Bestway Cement Limited,
Bestway Building,
19-A, College Road, F-7 Markaz,
Islamabad, 44000. Pakistan.

APPLYING FOR THE POSITION OF TRAINEE ENGINEER (MECHANICAL)

Dear Hiring Manager,

I would like to present my resume for the position of Trainee Engineer (Mechanical). I am a graduate of Bachelor of Engineering in **Mechanical Engineering** from DHA Suffa University, Karachi, Pakistan. With my engineering coursework, projects and internships experience, my innovative mindset and affinity for problem solving, and my history of successful team projects, I believe I might be a good candidate for this position.

As an undergraduate, I had balanced a rigorous course load and a number of extracurricular activities that have allowed me to enhance my skills relevant to this role. Specific to engineering, through my academic project work I have developed my abilities in understanding of materials, and have practiced different manufacturing technologies. I have also developed the strong interpersonal, leadership and communication skills required to succeed as an engineer; in addition to academic team projects that require collaboration, and strong writing and presentation skills, I am the team leader of DHA Suffa University Formula Student/Formula SAE team, which has successfully participated internationally at FSAE Australasia 2016 and Formula Student UK 2018, held at famous formula 1 circuits Albert Park and Silverstone, respectively. Formula Student is a student engineering competition held annually, student teams from around the world design, build, test, and race a small-scale formula style racing car. Being a team leader of Formula Student team, I have developed skills both technical and managerial. With all these extracurricular activities, I have been awarded several Merit Scholarships from the university and because of my good results and a strong **CGPA of 3.72**; I had been a constant member of the Dean Honor's List. Recently, I have finished a research thesis on my final year project "Design and Development of Multi-color and Multi-material 3D Printer". Throughout all of my experiences, I have used my dedication to efficient and creative problem solving and my ability to prioritize and manage competing demands to positive ends. I am eager to polish and widen my engineering knowledge and skills at Bestway Cement.

My experience in Formula Student, as well as in my internships at Pakistan International Airlines (PIA), Pakistan Council of Scientific and Industrial Research (PCSIR) and iCAT Transmissions has allowed me to develop the skill sets, from leadership to communication, and from designing 3D models to manufacturing, which are perfectly aligned with the skills required for this job. As I have also designed and manufactured all the chassis, suspension, steering and powertrain system of the formula student car, I am confident that I can perform any task during the job.

As I have a desire of having the best knowledge in my field and it is this reason that motivates me to apply for this opportunity. I am very interested in this opportunity and looking forward to gain some practical knowledge. Finally, I hope that this experience is going to serve as the ultimate base to the journey that I am taking to achieve my dreams towards a successful engineering career. I have attached my resume for your assessment.

Kind Regards,
Syed Bilal Mustafa Naqvi



Syed Bilal Mustafa Naqvi

Mechanical Engineer

M: +92-(333-2306620)

Tel: +92-(313-4431443)

Email: bilal.m95@hotmail.com

Address: House # R82, Sindh Baloch Society, Block-12, Gulistan-e-Johar, Karachi, Pakistan.

OBJECTIVE

A motivated and result oriented mechanical engineer with hands on experience in designing and manufacturing obtained from participating in the Formula SAE competition and other student projects. My passion to work hard makes me better and focused student in life. Like others, I also have a desire of having the best knowledge in my field and it is this reason that motivates me to explorer diverse things.

EDUCATION

BE Mechanical	2018	DHA Suffa University	3.72
Intermediate	2014	PECHS EDU. Science College	80%
Matriculation	2012	White House Grammar School	80%

FINAL YEAR PROJECT

Design & Development of a 3D Printer with Multi-Filament Extrusion System.

TERM PROJECTS

- Design and Fabrication of Line Following Robot.
- Design and Fabrication of a 3-Axis Gimbal.
- Design and Fabrication of a Double acting Steam Engine.
- Design and Fabrication of a Robotic Arm.
- Design and Fabrication of Mechanical Elevator.
- Design, Fabrication and Static Study of Truss Bridge.
- Study Effects of Quenching and Annealing on Materials by Metallography.

INTERNATIONAL PROJECTS

- Design and Fabrication of a FSAE car chassis and suspension system.
- Design and Fabrication of a FSAE car steering system.
- Design and Fabrication of a FSAE car drivetrain system.

INTERNSHIP EXPERIENCE

- Pakistan International Airlines (PIA)
- Pakistan Council of Scientific and Industrial Research (PCSIR)
- iCAT Transmissions

ACHIEVEMENTS

SCHOLASTIC

- Multiple Merit Scholarships

- Multiple Dean's Honor List for obtaining SGPA's greater than 3.5.

CO-CURRICULAR

- Team Captain of Formula Student Team of DHA Suffa University.
- PKR 500,000 awarded by Administrator DHA for exceptional performance in Formula SAE Australasia,16
- Participation in Formula SAE, Australasia 2016
- Participation in Formula Student Silverstone, UK 2018

AREAS OF INTEREST

- Heavy Machinery
- Aerospace
- Automotive

WORKSHOP/CERTIFICATION

- Workshop on Project Management by Pakistan Council of Scientific and Industrial Research.

PROFESSIONAL COURSES / SKILLS:

Technical

Matlab	●●●●●●●●
SolidWorks	●●●●●●●●
PTC Creo	●●●●●●●●
Autodesk Fusion	●●●●●●●●
Ansys	●●●●●●●●
Autocad	●●●●●●●●
SimScale	●●●●●●●●
Ricardo Wave	●●●●●●●●

Generic

Microsoft Word	●●●●●●●●
Leadership	●●●●●●●●
Microsoft Powerpoint	●●●●●●●●
Communication	●●●●●●●●
Microsoft Excel	●●●●●●●●

PERSONAL DETAILS

Father's Name	:	Syed Shaukat Ali Naqvi
Date of Birth	:	18 th December, 1995
Birth Place	:	Karachi, Pakistan
Nationality	:	Pakistani
Marital Status	:	Single
CNIC	:	42000-2052024-1
Languages	:	English, Urdu