Awais ul haq

Nationality: Pakistani **Date of birth:** 02/02/2000 **Gender:** Male

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Other: Street 43 sanaiya zone 57 Building 91, 00000 Doha (Qatar)

WORK EXPERIENCE

Automotive/automobile parts sale

Toyota motors [21/04/2024 – 30/10/2024]

City: Multan | **Country:** Pakistan

- Manage sheets of car coming for repair
- Engaging with customers
- Enhancing knowledge of customers about parts/vehicles
- Inventory management
- Provide customer's satisfaction
- Welcoming environment

Automobile designer

Buraaq E Drive [20/01/2024 – 20/04/2024]

City: Lahore | **Country:** Pakistan

– Design Contribution: Played a pivotal role in the production process, particularly in refining e-bike design frame using Solidworks and assembly techniques.
– Quality Assurance: Provided valuable assistance in ensuring adherence to high vehicle quality standards.
– Skill Enhancement: Successfully led the design and development of a cutting-edge battery pack tailored for the Buraaq model, showcasing proficiency in advanced energy storage solutions and automotive technology integration.

Engineering Intern

Honda Atlas Cars Pakistan Limited [11/2023 – 12/2023]

City: Lahore | **Country:** Pakistan

– Quality Control: Inspection and feedback of problematic parts, market quality using QC Methodologies.
– Supply Chain Management: Sourcing, warehousing & Inventory management of local parts and CKD.
– Production Control: Oversaw all the departments of HACPL i.e. Paint, Welding, Vehicle Quality, Production Control & applied quality standards, overlook ERP Management, implemented 5S.

Executive engineer

SBF stainless steel pipes manufacturer [08/2023 – 11/2023]

City: Lahore | **Country:** Pakistan

- Continuous operation of work
- Manage strips records
- quality control
- pipe size measurements
- optimized quality
- inventory control

- polishing supervision

Automotive Internee

Pakistan Railways [06/2022 – 07/2022]

City: Lahore | **Country:** Pakistan

- Led locomotive manufacturing and maintenance initiatives at Pakistan Railways, demonstrating expertise in tool manufacturing, machining, engine repair, and spring fabrication.
- Gained insight about the day-to-day operations of a national transportation system and how different departments together to achieve common goals.
- Acquired knowledge about the safety protocols and regulations that govern railway operations.
- Developed communication, problem-solving, and critical thinking skills in a professional environment.
- Demonstrated a commitment to learning, growth, and professional development.

EDUCATION AND TRAINING

Bachelor of Science in Automotive Engineering

University of Engineering and Technology, Lahore [14/10/2019 – 31/08/2023]

City: Lahore , punjab , | **Country:** Pakistan | **Website:** https://www.uet.edu.pk/ | **Field(s) of study:** Engineering, manufacturing and construction

FSc. Pre Engineering

Punjab College

City: Mian Channu , Punjab , | **Country:** Pakistan

Matriculation

Govt Model High School

City: Mian Channu , Punjab , | **Country:** Pakistan

AMAL Fellowship

AMAL ACADEMY [03/2022 – 06/2022]

Website: https://amalacademy.org/

LANGUAGE SKILLS

Mother tongue(s): Punjabi , urdu

Other language(s): English | Hindi

DIGITAL SKILLS

Microsoft Office package: Microsoft Word, Excel, PowerPoint, Access / Autocad and Solidworks / Ansys Workbench, Fluent and CFD (Computational Fluid Dynamics

PROJECTS

[09/2022 – 08/2023]

Design and Development of automotive corroision test facility

Creativity: Designedthe project accordingto the requirements and decidedthe best setup for the project.

- Time management skill: Completed projects, reports, thesis,presentations, and assignedtasks on time.
- Report writingSkill: This skill is enhancedwhile working my FYP projectthesis and progressreports.
- Teamwork skill: Coordinated with a team of 3 membersto carry out the project.
- Leadership skill: My coordination with my teammates, The worthy supervisor and FYP convener helping us to complete the project.

Measurement of Dynamic and Static Pressure

- Implemented an innovative project leveraging Arduino technology and a pressure sensor to measure both dynamic and static pressure accurately.
- Demonstrated versatility by measuring both dynamic and static pressure.

To investigate and analyze carbon compound emissions of diesel using Lombardini engine mounted on Thepra test bed

- Led a diesel emissions study on a Lamborghini engine with an EMS-5002 Exhaust Gas Analyzer, analyzing and graphing HC, CO2, CO, and NOx emissions against engine RPM and torque.
- Contributed to understanding vehicular emissions' environmental impact, emphasizing risks of pollutants and correlating emissions with engine parameters for comprehensive insights.

To investigate performance of Gasoline, Ethanol, and mixture using small Transparent Engine Test Bed

- Investigated brake power and cylinder pressure characteristics of an Gasoline, Ethanol, Ethanol-Gasoline mixture on a Transparent Engine Test Bed.
- Recorded and analyzed crucial data, demonstrating proficiency in experimental design and their performance.

HONOURS AND AWARDS

Scholarships and Awards

- Fully Funded Undergraduate Merit-based Scholarship
- Merit-based CM laptop
- Merit-based scholarship