MUHAMMAD AYAN AKHTER

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Objective

Passionate and energetic graduate from engineering university eager to get experience. Profound knowledge and expertise in mechatronics principles with good communication and interpersonal skills. I am eager to bring my technical skills and innovative thinking to a dynamic team. I am confident in my ability to contribute to the development and implementation of new systems and products.

EducationUniversity of Engineering and Technology TaxilaPakistanBachelor of Mechatronics Engineering09/2018 - 07/2022Science College Kallar KaharPakistan

FSc Pre-Engineering

Professional Experience

Trainee Engineer at Devomech Solutions

07/2023 - 09/2023

05/2016 - 05/2018

- Successfully completed 2.5 months of my internship at Devomech solutions, gaining valuable experience in various aspects of engineering project management.
- Proficiently utilized CAD modeling software to create 3D models of mechanical components, ensuring accurate design representations.
- Played a key role in creating Bill of Materials (BOMs) for multiple projects, ensuring accurate documentation of required materials and resources.
- Developed a solid understanding of engineering principles, project management, and teamwork while working
 on a diverse range of projects.

Academic Experience

 Design and Development of a Haptic Steering Wheel Completed mechanical design of the project We used haptic driver DRV2605I for generating haptic signals. The DRV2605L is a little motor driver that specifically controls haptic motors - buzzers and vibration motors We conducted experiments to find unique haptic patterns Hydraulic Crane A Mechanical system of the hydraulic crane was designed using small fluid pumps and a wooden body structure Controlled the motion of the hydraulic crane by increasing or decreasing the pressure of fluid pumps 	
 Analytical Thinking Attention to detail Ability to work in a team environment MS Office 	 Problem Solving Communication Skills Project Management Quick Learner
Certifications	

– IELTS

Additional

09/2021 - 07/2022