

Syed Abdullah Sohail

Mechatronics & Control Engineer

ACADEMICS:

B.Sc. Mechatronics & Control Engineering: University of Engineering & Technology, Lahore	2013-2017
F.Sc. Pre-Engineering: Vision Science College (Gujranwala board)	2011-2013
Matriculation: Beaconhouse School System, Gujrat (Gujranwala Board)	2009-2011

PROFESSIONAL EXPERIENCE:

Square Foot Industries

2018 –Currently

CEO / Operations Manager

- Launched a **FMCG Startup** in 2018.
- Leveraged planning knowledge to drive supply chain activities through the creation, modification and implementation of efficient production plans. Efficient assembly systems were installed to ensure **15% more cost effective** production process.
- Was able to create a strong **Sales Network** spanning 45 different cities.
- In charge of hiring work force, **managing operations** on the floor, strategizing on every turn for market entrants.
- Extensive Experience in **Logistics and Warehouse Management**.
- **Integrated ERP** procedures to ensure smooth sales and purchase reports.
- Implemented **weekly sales analysis** system to understand customer's seasonal needs and deliver products accordingly.
- Great experience in **liaising** with clients, suppliers and transport companies.
- Monitored and communicated about the performance through KPIs Set dealer production allocation plans and stock planning.
- Resolution of Dealer Issues with **stock, customer orders**.
- Weekly **production management/ coordination** with principle for production requests.
- Increased company's total revenue from **USD 220k** per annum to **USD 1.8 million** per annum in a matter of 4 years.

CARE Pvt. Ltd.

6 weeks Summer Internship, 2016

ENGINEERING INTERN

- The Project was an Automated Infrared Homing Surface-to-Air Missile Launcher being funded by the Pakistan Air-Defense Command.
- Acquired experience in working with PIC microcontrollers and their programming in the C Language.
- Acquired experience in troubleshooting problems in electromechanical systems.

SEMESTER PROJECTS:

- ✓ Obstacle Sensing Self Correcting Autonomous Robot in 5th semester.
- ✓ Basic Home Automation System using PID Sensors.
- ✓ Organized UET's official Robotics Competition for the very first time.
- ✓ Worked briefly in the field of Swarm Robotics as part of a team to develop flocking behavior in simple obstacle-avoiding robots.
- ✓ Developed a Bowling Machine, that mimics a real-life bowler by incorporating muscle stiffness and considering the pace generated by a real time fast bowler.

CO-CURRICULAR ACTIVITIES:

- ✓ **General Secretary** at **Mechatronics Club**.
- ✓ Speaker at **UET Debating Society**.
- ✓ Ambassador at **American Society of Mechanical Engineers**.
- ✓ Sponsorship Head at UET Debating Society.
- ✓ International Member of American Society of Mechanical Engineers.
- ✓ Former **President** Debating Society of Beaconhouse Gujrat.
- ✓ **Co- founder** of The Leading Edge (NGO).
- ✓ **Managing Director** at Pursuers of Happiness (NGO).

COMPUTER PROFICIENCY:

- ✓ Proficiency in **SQL, SSRS**
- ✓ AutoCAD, Solid Works, ISIS Proteus, ARIES
- ✓ MATLAB, C++, Arduino Board, RxLogix, CodeBlocks, Mplab, HTML.
- ✓ **MS Office (Word, Excel, PowerPoint)**
- ✓ **Google Sheets**

INTERESTS:

Newspaper, Fictions, Magazines, Novels | Writing and Reading articles | Cricket, Football, Badminton | Socializing | Extra-curricular activities | Watching English movies and seasons | Social Work | Debating |

CERTIFICATIONS:

- ✓ Resilient Leadership from **Harvard Business School**.
- ✓ Strategic Planning from **HP Life**.
- ✓ Inventory Management

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