

M. ZUBAIR KHAN

[mechatronicsolution@icloud.com](mailto:mechatronicsolution@icloud.com)

0092-300-9375142



### MECHATRONIC ENGINEERING PROFESSIONAL

A highly versatile more than 13 years of Automobile/mechanical engineer and management experience, with strong analytical skill and a board range of computer expertise I am a rapid learner with a high technical aptitude and proficiency in diverse system and methods, I am a team player The most important thing in me is I can do attitude with good learner in any field technical as well as in management. My curious nature and passion for learning new technology in Electronics, Automobile Mechanical and Hydraulics inspire me to climb high in my carrier. An approachable but firm professional with a strong sense of commitment towards success. Naturally structured and diligent, self-motivated.

### Core Competencies

Process Validation	ASME & ISO Standards	Creative Problem-Solving
Root Cause Analysis	Product Improvement	Multi-Project Coordination
Database Management	Efficiency Improvements	Assessment / Design / Implementation

### Highlights of Employment

Engineering Rotation position allowing experience in several different positions throughout the Fix it right.

**NABIQASIM INDUSTRIES (PVT) LTD** Feb 2023 to Present

(KARACHI)

Senior Officer Fleet Management

- ❖ Received multiple promotions, created lean operational practices to help improve operational efficiencies such as all-hands-on deck projects, recalls, audits, state inspections and registrations.
- ❖ Successfully managed eight Fleet Associates and four Fleet Coordinators, was the first fleet to pilot the Virtual Functional Bus (VFB) that was later implemented companywide while handling all accounts payables and fleet expenses.
- ❖ Oversaw the highly efficient maintenance, repair and cleanliness of a fleet averaging around 2000 vehicles.
- ❖ Maximized budget while maintaining a strong car attribute score, minimized vehicle downtime, and repurpose cars to drastically increase utilization & revenue.
- ❖ Negotiated and managed tough cleaning, body shop, and repair vendor contracts ensuring that the vehicles were properly maintained, repaired and cleaned to meet company standards at all times.
- ❖ Managed and continuously improved fleet operations for optimal financial and operational performance as measured by Cost of Goods Sold (COGS), vehicle up-time, gross margin, member survey scores and other key metrics.
- ❖ Performed detailed quantitative and qualitative analyses to support strategic and tactical decisions that improve performance in the near and long term.

**PROGRESSIVE AUTOMOBILE L.L.C.** Jan 2020 to Dec 2022

(DUBAI AL QUOZ 1)

Operation Manager in Maintenance & Repair Services Department

- ❖ Contributed to new product definition, from concept to full specification, to address a new emerging application in the Virtual Dedicated Server (VDS) market space.
- ❖ Working with other systems engineers and design groups to establish the correct features in each sub-system and overall System on Chip (SoC) to achieve the overall product goal.
- ❖ Performing simulation and benchmarking of existing Main Control Unit (MCUs) and virtual prototypes to guide the specification of future products.
- ❖ Developing pre-silicon platforms to allow customers to start developing their solutions from existing silicon and/or Field Programmable Gate Array (FPGA).
- ❖ Building proof-of-concept demos to show off the features and benefits of our products.
- ❖ Customer support, to help them use our products to achieve their system level goals,

**AUDI PAKISTAN** May 2017 to Dec 2019

(KARACHI)

## Diagnostic Service Technician

- ❖ Profound knowledge of basic computer skills to add information to computerized vehicle maintenance programs.
  - ❖ Excellent working knowledge of applicable State and Federal regulations pertaining to automotive and other power-driven equipment, including applicable smog regulations.
  - ❖ Remarkable ability to operate and maintain hand and power tools typically used in the trade and standard automotive diagnostic equipment such as but not limited to, engine and emission analyzers, tire changing and balancing equipment, tachometers/dwell meters, volt/amp meters and air conditioning recharging units.
- Professional Experience
- ❖ Inspect and diagnose diesel, gas, electric automotive equipment, components and systems to determine necessary repairs.
  - ❖ Make minor-to-major repairs to any automotive equipment.
  - ❖ Fabricate, construct and/or modify new or special equipment, mechanical, engine parts as needed.
  - ❖ Install and repair special equipment.
  - ❖ Operate and maintain tools, machinery and computerized systems used in the maintenance and repair of equipment.
  - ❖ Troubleshoot and repair systems and components.
  - ❖ Perform minor welding and brazing work.

**MERCEDES BENZ / BMW / LAND ROVER / MINI / ROLLS ROYCE** MAY 2016 to APR 2017

(KARACHI)

### Assistant Service Head

- ❖ Dispensed fuel checked and refilled fluid levels and changed oil and filters, as necessary.
- ❖ Made minor adjustments and repairs on equipment (such as repairing and/or replacing tires, head and tail lamps, muffler clamps, windshield, wipers, and brakes and balancing wheels).
- ❖ Checked equipment for defects (such as cracked or broken hoses or belts, worn tires, and inoperative lights).
- ❖ Removed and replaced batteries.
- ❖ Oiled and greased equipment.
- ❖ Tested and drove vehicles to assure proper working order, and delivered vehicles for servicing or refueling.
- ❖ Cleaned vehicles.
- ❖ Cleaned garage area and maintained shop equipment.
- ❖ Disassembled and cleaned vehicle parts.
- ❖ Assisted with mechanical and body repair work, as necessary.
- ❖ Performed other related duties as assigned.
- ❖ Demonstrated experience and thorough knowledge of automotive equipment mechanics including electrical systems, brake and engine overhaul procedures on vehicles such as Auto Cars, Vans.
- ❖ Deep experience inspecting and diagnosing mechanical and electrical malfunctions.
- ❖ Excellent ability to perform a variety of skilled repairs on automotive equipment, components and systems.
- ❖ Proven knowledge of preventive maintenance, breakdown, repair and troubleshooting of automotive vehicles.
- ❖ Uncommon ability to effectively identify required parts for vehicle repair, prepare estimates of costs, time and materials.
- ❖ Strong ability to effectively reference, interpret and apply information disseminated from mechanical, electrical and other relevant automotive schematics.
- ❖ Estimate the cost of materials and labor for work orders and keep simple records and prepare reports as necessary.
- ❖ Train and provide work instruction to Assistant Automotive Technicians or Attendants.

**TOYOTA HYDERABAD MOTORS** Jan 2013 to Mar 2016

(HYDERABAD)

### Assistant Service Manager

- ❖ Responsible for ensuring customer satisfaction by performing quality servicing and repairs on all mechanical devices or body elements, so as to return them to the manufacturer's specifications.
- ❖ Responsible for identifying customer's requests, analyses them with your Teammates, and refines the diagnostic process, also perform the requested work, in observance of the manufacturer's methods (recommendations and operating procedures).
- ❖ Ensuring effective communication for a smooth and efficient body shop operation. Meeting general body shop requirements.
- ❖ Developing the team to a level of proficiency to enable them to deliver outstanding quality of service.
- ❖ Minimizing overdue debts to meet company objectives
- ❖ Exercising proper administrative control to ensure smooth office operation and following company policies.
- ❖ Actively contribute in business development ideas for enhanced business levels.

**Atlas Engineering Ltd.** Apr 2010 to Dec 2013

(KARACHI)

Production Engineer Auto Parts Manufacturing

- ❖ Responsible Overall Tools and Machine Component.
- ❖ Cylinder Manufacturer, Created Drawing Change Notifications, New bill of materials, and Assisted in Company Proposed Changes
- ❖ Quality control care, Inspection and Approved Design Right Then Pass for Inventory Depart.

### **CNC & PLC Experience**

PAC (programmable automation controller)

Spinner TC67 Lathes	PC Controlled	Deckle MAHO	Boxford 125 TCL
Mitsubishi	Omron	Fatek	Lathes
A3HSRi2	CNC Router	Fanuc	Siemens

### **CNC n PLC Machinist (Programmer, Operating, Optimization, & Maintenances)**

### **Education**

B. Tech in Mechanical Engineering

Mehran University of Engineering and Technology (M.U.E.T)

Auto Mechanic (Diploma)

Sindh Board Technical Education (S.B.T.E)

Masters in Commerce

University of Sindh

Industrial Electronics & Automation (Diploma)

Pakistan Council Scientific Industrial Research (P.C.S.I.R.)

### **Computer Proficiencies**

PIC 8051

ERP

CNC G&M language

Auto CAD

SAP

MS-OFFICE

### **Personal Information**

Place of Birth Hyderabad, Pakistan

Date of Birth 26-SEP-1990

Gender Male

Marital Status Single

Nationality Pakistani

NIC 41302-6244454-9

Passport CY4134541

Language Urdu & English