Shaaban Ali [shaabandebash@gmail.com](mailto:shaabandebash@gmail.com) 07492001905

**Profile Summary:**

Mechatronics Engineer motivated self-developed mature. with extensive industry experience. PhD Enterprise Digital Twin for Automotive Industry Student

**WORK EXPERIENCE:**

**Midlands Truck & Van Ltd** **Wolverhampton**

**Service Engineer 05/2022 - Presen**t

* Figure out the fault for Mercedes Benz trucks using X entry software, and testing equipment.
* Work on common system electro-mechanical. Repair, order parts, and reset fault memories using the star diagnosis machine and reset control units.
* Routine maintenance, brake repair system, Electrical system, and Programming controls.

**Translux International Limited**  **05/2016 - 07/2017,**

**Mechanical Fitter London**

Modifications for caravan, and trailer brake system from the electrical system to the Pneumatic system.

Establish fabrication to the chassis, fixing new line for air system, hydraulic system for trailers and trucks.

**Dal Motors, Mercedes-Benz Authorized dealer**  **05/2012 - 04/2015**

**Engineering Team Leader Sudan**

* Lead a team consisting of members, (30 mechanical technicians+5 Electration+3 drivers+2 welders).
* Supervise the implementation of all required trucks and bus maintenance for individual customers and companies.
* Planning, and managing team schedule and duties.
* instructing the team to cover the monthly plan and conduct one-to-one meetings for productivity and quality achievement.

**Sutrac Caterpillar Authorized dealer** **07/2008-02/2012 Service Engineer Sudan**

* Carried out preventive engine maintenance and transmission maintenance tasks.
* Replace the hydraulic house, and excavator shoes.
* Replace sprocket for excavator and undercarriage service.
* Perform hydraulic pistons, cylinders, arms, buckets.

**Education;**

**PhD** Enterprise Digital Twin for Automotive Industry 02/01/2024- present

* University of Wolverhampton Bachelor of Engineering – BE

Mechatronics, Robotics, and Automation Engineering 07/2018 - 05/2021

* Sudan University of Science and Technology

Bachelor's degree of mechanical engineering 09/2002 - 07/2005,

* IMI Membership

**Skills**

Robotic RPA

Ros CNC Machine

Quality control Analytical