

Resume of Jonathan Mills

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26th June 1987
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| Licences & Qualifications: | Attained: |
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| ● ATTC -AUR30620 Cert III in Light Vehicle Mechanical Technology | 2024 |
| ● City and Guilds Level 2 Basic Vehicle Maintenance | 2003-2004 |
| ● BTEC Level 3 National Certificate in Vehicle Repair & Technology | 2004-2006 |
| ● Forklift Licence Counterbalance up to 5000 KG | 2023 |
| ● QNUK Level 3 Award in First Aid at Work (RQF) | 2023 |
| ● Driving License Full UK Cat B, B1 and B+E | 2005 |
| ● EV (HEV) Authorised/Senior Authorised Person | 2019 |

Employment History:

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| Sept 2023 – Present | DOOSAN/Bobcat - PDI Lead Engineer/Supervisor | Northampton, UK 40hrs p/w. |
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- Support Inspection and preparation of Forklift Trucks and MHE for distribution to the dealers or end customers in the UK and NI.
- Investigate, diagnose and report any faults in trucks being PDI.
- Repair faults found during PDI with diagnostics and tools.
- Modify the specification of the Forklifts and MHE to meet the customer's needs.
- Remove and Inspect components on warranty claimed trucks and report back to the Technical Manager for investigation reporting.
- Repair basic SMART repair paint damage caused in shipment.
- Work with HSEQ Department to improve processes and procedures and follow all health and safety policies set out, reporting any near misses or hazards.
- Organise parts availability when required for expected trucks in the work plan.
- Off load shipment containers with care to ensure goods received are not damaged.
- Support Planning activities and future forecasts of inbound deliveries to improve efficiency of through put for KPI performances.
- Review processes and drive continuous improvements.

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| Mar 2023 – Sept 2023 | Exergyn UK Ltd - Senior Technician | Rugby, UK 40hrs p/w. |
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- Collate Bill of Materials (BOM) and Designs to ensure all parts are ready for assembly.
- Ensure quality of the build is to the highest standards and repeatable if successfully manufactured in mass volume.
- Support technical discussions and improvement suggestions.

- Ensure all the mechanical and electrical work on the Heat Pump is logged for reports.
- Create a sustainable recycling plan for the workshop of material waste.
- Fabricate and modify any deviations from original design work using welding TIG/MIG.
- Work to a safe standard and ensure hazards are reported and dealt with appropriately.

Nov 2022 – Feb 2023

**Mission Foods (SP Engineering) -
Reliability Maintenance Engineer**

**Coventry, UK
40hrs p/w**

- Diagnose breakdowns on the product lines and react to repair with minimal downtime to production.
- Complete planned preventative maintenance tasks - mechanical and electrical.
- Diagnose and inspect worn mechanical gearboxes and drive shafts and repair efficiently.
- Ensure food hygiene safety standards were always followed and adhered to and correct PPE was worn.

Dec 2016 – Nov 2022

**Jaguar Land Rover –
Senior Technician**

**Gaydon, UK
37hrs p/w**

- Build up Engine, Transmission, Driveline & Suspension components into Prototype Vehicles.
- Use PTW methods for working with Hybrid HV systems to remove subcomponents like E-motors, Inverters, Chargers and BISG's.
- Use Ramps and Overhead Crane hoists to assist in removal of components following all HSE and Risk Assessments.
- Use Smoke Leak tester for exhaust system checks and repair or replace depending on cost sustainability.
- Perform pressure checks to the turbocharged air system for boost leaks resulting in poor performance and high fuel consumption.
- Diagnose and identify any DTC codes flagged during testing using diagnostics tools on EMS, diagnosing and replacing components related to the codes read.
- Replace diesel fuel filter and prime fuel system before starting.
- Use manufacturer manuals when servicing and maintaining vehicles.
- Diagnose and repair coolant and oil hydraulic leaks, pressure test before filling to confirm repair.
- Maintain all calibrated items like torque wrenches, multimeters, oscilloscopes and insulation testers for 'fit to work' status.

May 2015 – Nov 2016

**VBE Restorations –
Vintage Car Technician**

**Flecknoe, UK
40hrs p/w**

- Strip, Inspect and Rebuild steering, suspension and braking system.
- Remove engine, strip, inspect and rebuild to improve reliability.
- Remove wheels and replace tyres and inner tubes and rebalance wheels after.
- Upon delivery of vehicles conduct a PDI and log using a computer system.

- Service magnetos, dynamometers and starter motors.
- Replace worn fuel lines with new custom-made copper piping with flaring tools and bending tools.
- Service carburettors and change worn jets.
- Adjust ignition linkages and timing using a timing gun.
- Strip, inspect and rebuild supercharger.
- Drain, remove and repair petrol fuel tanks and refit after checks following all environmental and controlled waste management.

Jan 2011 – May 2015

**Fortec Motorsports –
Race Car Technician**

**Daventry, UK
40hrs p/w**

- Diagnose and adjust geometry on cars pre and post events using tracking lasers, camber gauges and castor gauges.
- Strip and rebuild crash damaged panels on the car using jigs and fixtures.
- Service engine at intervals guided by engine manufacturer.
- Remove, Inspect brake callipers, ABS pump and discs and pads, Refit and bleed the whole system using Diagnostic tools to power the ABS pump.
- Remove, Inspect torque tube, clutch housing, Rear diff and half shafts.
- Diagnose, Remove and Repair/Replace cost effectively any electrical wiring harnesses in the race car.
- Calibrate and set all data technology and dynamic controls sensors.
- Follow all safety guidelines when working at the racetrack and always representing a smart professional image of the team.

Jan 2007 – Jan 2011

**Hitech Racing –
Race car Technician**

**Buckingham/Silverstone, UK
40hrs p/w**

- Ensured a high standard level of preparation of the race cars.
- Responsible for upkeep of spare parts and bodywork components associated to our race car.
- Scheduled and performed service intervals to ensure the reliability of the race car was always maintained.
- Upkept the quality appearance of the race car and the team's image at race weekends and testing events.

Aug 2004 – Jan 2011

**Mardi Gras Motorsport -
Junior Technician**

**Silverstone, UK
40hrs p/w**

- Was involved in all basic repair activities on the race cars.
- Responsible for ensuring the tyre pressures were set on all the sets of wheels to the correct figure.
- Responsible for loading pit support trolley and getting to the pitlane in safe manner ensuring no pit equipment was forgotten.
- Responsible for ensuring the teams representation at race circuits was to the highest level.
- Wash down race cars after events ensuring the underside was all clean ready for preparation.

- Responsible for stock taking the transporter after tests and race weekends replenishing what needed re stocking.

July 2003 – Dec 2004

Woodshavings

Daventry, UK

Pet bedding Operative

30hrs p/w

- First job from leaving school, became weekend job and evening job while at college.
- Responsible for bailing pet bedding in small packs up to large 30kg bales.
- Loading pallet and wrapping securely and safely for transportation.
- Checking the quality of the ped bedding at intervals to ensure quality.