



SHARAVANAN M

Engineer-Instrumentation Test Systems-Customer service



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PROFILE

My objective is to leverage my experience while continuing to be challenged as an Instrumentation Engineer Professional with 9+ years of experience and passion for technologies and future trends in the Automotive industry. Updating myself according to being adept with a senior level in my organization supporting our reputed clients for their testing and research development laboratories that installing, commissioning, calibration, maintaining equipment's which is used automation software to monitor and control engineering and conditioning systems. Presently seeking a challenging position in a progressive organization that gives me ample scope to apply my knowledge and skills towards the growth of an organization as well as enhancing my professional evolution.

SKILLS

- AVL controller/DAQ (EDACS, PUMA, Indicom) systems for engine testing.
- Knowledge of Dynamometers, Fuel meters, Blow-by meters, Smoke meters, 439, FSA, ACS, AHU, FCU, CCU, OCU, etc.
- Knowledge of ISO/IEC 17025 certification/documentation for test laboratories.
- A good working knowledge of PLC and SCADA using Utility control systems like chiller, Blower, AHU, ACS, etc.
- Experts in the instrumentation of pressure, flow sensors, temperature, Analog, and Digital Instruments.
- Experts and ability to summarize technical issues and communicate effectively in 8D Analysis and RCA/Design Verification
- Organized and disciplined to team management for preventive maintenance activities.

WORK EXPERIENCE

August 2013 - Current

Engineer

AVL India PVT LTD

Guindy, Chennai, Tamil Nadu

- Experienced in automation software online calibration/adjustment of sensors. (Speed, Torque, Loadcell, Pressure, Temperature, Humidity, vibration, flow)
- Experienced in troubleshooting and analysis in the electrical circuits (Generator, UPS, Stabilizer, SMPS, Transformers, Analyzer, CB, MCB, ELCB, PLC, IGBT, Relays, SCR, Thyristor actuators, solenoid valves, temperature switch, Thermostat, Heaters, Temperature control valves, pressure switch, DP sensors, Control valves, P to I, P to E converters).
- Experienced and Brief knowledge of fuel mass flow calibration using fuel meters.
- Experienced in Air mass flow meter measurement and calibration at FCRI.
- Performed well as a key account engineer to provide on-time support and arranging spares to reduce the customer's downtime.
- Responsibility for Scheduling the preventive maintenance cycle of warranty and under AMC contract customers.
- Responsibility for maintaining NABL certification of internal tools and calibrators.
- Managing NABL Calibration procedure, protocol preparations for new products.
- Having instant team formation capability using available resources and complete the target promptly.
- Managing Team Members and assigning work as per the schedule and maintain the Team spirit.
- Managing offer requests, offers, purchase order requests, purchase orders, invoices interactions with all external third-party vendors with which it has a relationship.

September 2011 - August 2013

Calibration Engineer

NAGMAN-Instruments and Electronics pvt ltd
Chembarambakkam, Chennai, Tamil Nadu

- ✓ Performing calibration of pressure, Mass, linear, Thermal in-house and site.
- ✓ Execute Calibration and Adjustments in master calibrator using power plant, Steel plant, pharma industries, Beverage Industries, Automobile Industries, Paint shop, furnace Industries.
- ✓ Follow Up's of calibration cycles since last calibration for master instruments, lab equipments, testing equipments and field mounting instruments.
- ✓ Involved and Managing NABL audit and Calibration protocol as per the ISO 17025.

EDUCATION

- **Bachelor Of Engineering, Electronics and Instrumentation Engineering**

Meenakshi College of Engineering
Affiliated to Anna University
KK Nagar, Chennai, Tamil Nadu

Completed, April 2011
Marks 68 %

- **Diploma , Electronics and Communication Engineering**

St. Xavier's Polytechnic college
Affiliated to DOTE
Seydunganallur, Tuticorin, Tamil Nadu

Completed, April 2007
Marks 79 %

- **High School, HSC-Mathematics -Biology-Group-I**

Sri KGS hr. sec. school
STATE BOARD
Srivaikundam, Tuticorin, Tamil Nadu

Completed, April 2004
Marks 57 %

- **High School, SSLC**

Sri KGS hr. sec. school
STATE BOARD
Srivaikundam, Tuticorin, Tamil Nadu

Completed, April 2002
Marks 76 %

TRAINING AND CERTIFICATIONS

- Fuel Application workshop, AVL INDIA PVT LTD, 2016
- Air flowsonix calibration workshop, FCRI, AVL INDIA PVT LTD, 2018
- FIRST AID and INDUSTRIAL SAFETY TRAINING, St John Ambulance (India), 2019

LANGUAGES

- English
- Tamil

COMPUTER PROFICIENCY

Operating Systems

- Windows XP
- Windows 7, 10

Software

- C, C++, Java, .NET
- Page maker, Photoshop, Coral Draw

INTERESTS

Listening Music
Browsing

PERSONAL

Father's Name:	Mr. P. Muruga santhanam	Marital Status:	Married
Birthday:	19/03/1987	Nationality:	Indian
Gender:	Male	Passport No.	J8079742, Expires 08/10/21

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Chennai , Tamil Nadu600109
India

Declaration

I, sharavanan M, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.



sharavanan M

Chennai , Tamil Nadu
25/05/2021