Professional Experience

07/2011 – till date

**Deputy General Manager Foton Motors Manufacturing India Pvt Ltd in Pune**

**Key activities**

**Product and Projects:-**

* Mini Trucks flat cabin, nosed cabin.
* Foton View CS2 Van.
* Borgward R&D SUV (BX3, BX5 and BX7) (conventional and EV) development.
* Foton R&D SUV (Savana, Tunland) (conventional and EV) development.
* Foton Electric buses for India market.
* Foton Construction Equipment Vehicles (CEV) for India market.

**Roles and responsibilities:-**

* Heading the planning, execution of **Pre-homologation And Actual Homologation Testing And Validation activities** at requisite certification agencies (India / China / Germany)
* Handling domestic and international whole vehicle homologation cycle OBD Power Train, EMI, EMC (India, Australia, New Zealand, SAABS & China)
* Testing Activity Management & Vehicle Testing for conventional and electric vehicles.
* Planning and execution of some specialised testing like Preliminary **Performance Tests** (Acceleration, Grad ability, Speed test and Braking performance etc.), **Structural Strength and Stability Tests** (Structural Strength and distortion test under static, dynamic towing, shake down, jacking and hoisting conditions), **Electrical Performance Tests** (Construction & Functional Safety Test, EMI & EMC, High Voltage electrical circuit stability for EVs, electrical energy consumption, Range test for EVs, Net power test 30 min.)
* Interface between government testing agencies ministry and the company for enhancing the implementation of new regulations, updating Regulatory Roadmap.
* Responsible for Product development strategy and technology road map as per Borgward Product Development Process (BPDS) gates.
* Responsible for development / localization of **powertrain and related aggregates**.

**Software used:-** MS Office, CRM, SCM. Auto Cad, Catia V5, Matlab-Simulink.

09/2010 – 07/2011

**Chief Manager - R&D (Head Testing and Homologation) SML ISUZU Ltd, in Chandigarh**

**Key activities :-**

**Product and Projects: -** ISUZU 12 Ton LDT, ISUZU IS 16 TON Deluxe Bus, SML ISUZU Army

Ambulance, School Buses

**Roles and responsibilities:-**

* Handling homologation Testing and certification COP for domestic and export market.
* Experiential Failure Tracking System and resolved the issues with designers
* Bridge between India and Japan Team for Testing & Homologation.
* Tested & validated ISUZU 12 Ton Products.
* Observed Failure Tracking System and resolved the issues with designers.

**Software used:-** MS Office, Auto Cad, Catia V5,



Rishi Tiwari

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| **Birthdate:** | 07.08.1975 |
| **Nationality:** | Indian |

06/2005 – 09/2010

**Chief Manager in R & D International Cars & Motors Ltd in Pune**

**Key activities :-**

**Product and Projects:-** RHINO Diesel, CNG, CRDFi, World Car EVO – 2

**Roles and responsibilities:-**

* Worked closely with team for Development, validation, Certification, Homologation & Testing of RHINO complying Bharat Stage III & Euro IV Norms, in collaboration with MG ROVER UK and Continental India.
* Essayed a key role for Development, validation, Certification, Homologation & Testing of World car project in technical collaboration with PENINFERENA ITALY.
* Effectively Handled homologation Testing, COP and certification for export market.

**Software used:-** MS Office, Auto Cad,

**08/2003 – 06/2005 TATA Motors Ltd: Engineer -** Engineering Research Centre (ERC)

**10/1998 – 08/2003 Hindustan Motors Ltd: Engineer -** Research and Development (R&D)

**08/1997 – 09/1998 Central India Motors Pvt Ltd: Engineer -** Service.

**08/1996 – 08/1997 Hindustan Motors Ltd - Engineer** (Trainee).

Education

2014 – 2016

**Masters in Mechanical Engineering, Kalinga University Raipur**

* Specialization :– Mechanical (Thermal)
* CGPA:- 7.15

2010 – 2013

**Bachelors in Mechanical Engineering, Manav Bharti University Solan**

* Specialization:- Automotive Engineering
* CGPA: 7.58

1993 – 1996

**Polytechnic Diploma in Automotive Engineering, Government Polytechnic Jabalpur**

* Specialization:- Automotive Engineering
* CGPA:- 7.15

Software Skills

* Catia V5, Pro E, Autocad (experienced)
* Matlab-simulink (experienced)
* Microsoft Office (experienced)

Languages Known

* German – B1 (Intermediate)
* English – C2 (Proficient)

Skills and training

* Vehicle Training - Eicher care, Daewoo
* Leadership development program
* Isuzu engine and transmission training
* Cummins ISF/IXG Euro VI Technology, Cummins Emission Solution
* Passenger cars and commercial vehicle product development process (PCVDS)
* Automotive testing and instrumentation
* Testing Management & Vehicle Testing for conventional and electric vehicles – Static and Dynamic Bench marking, on road Performance Testing, component /System level testing, Endurance Testing
* Market Research and Product Concept Development, System / Vehicle Aggregate Development, Product launch and field issue management, VAVE activities under national and international CFT environment.
* End to end Product Development for Passenger Vehicles & Commercial Vehicles.