

# Abhijit Bidwai

Pune/Pimpri-Chinchwad Area

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## Experience



### Senior Application Engineer

AVL

Apr 2023 - Present (3 months)

- > Working in Integrated Open Development Platform department (IODP):
- > CAMEO - DOE based testing and Calibrations.
- > CRETA - Dataset management tool.
- > SMS & Route Studio - In-vehicle RDE development & validation tools,
- > CONCERTO - Advanced data processing tool, can directly compare simulation & measurement data.
- > Virtual Powertrain Testbed (VTB).
- > SIL, MIL, HIL
- > Knowledge of Engine Calibrations, Optimization & Data Handling.



### Application Engineer

AVL

Jul 2021 - Mar 2023 (1 year 9 months)

- > Working in Integrated Open Development Platform department (IODP):
- > CAMEO - DOE based testing and Calibrations.
- > CRETA - Dataset management tool.
- > SMS & Route Studio - In-vehicle RDE development & validation tools,
- > CONCERTO - Advanced data processing tool, can directly compare simulation & measurement data.



### System Commissioning Engineer

AVL

Aug 2018 - Jun 2021 (2 years 11 months)

- > Joined in Instrumentation & Test System (ITS)- Commissioning Department.
- > Installation & Commissioning of PUMA1.5.3 & PUMA2 Engine test bed systems at more than 5 OEMs.
- Good knowledge of Engine.
- > Worked on PUMA Automation system, iGEM, Concerto, DiagraD. Basic knowledge of INCA & Indicom. Communication between PUMA, INCA, Indicom, CAMEO other emission systems/devices.
- > Test Run configurations & Preparation in Manual & Auto.
- > Knowledge of Engine Calibrations, Optimization & Data Handling.



### Trainee

AVL

Nov 2017 - Jul 2018 (9 months)

- > Joined as Trainee in Engine Testbed Commissioning Department. Worked on PUMA Automation system.



## **Internship Trainee**

Larsen & Toubro

Sep 2009 - Sep 2010 (1 year 1 month)

> Worked in Maintenance department as an Electronics Technician.

## **Education**



### **Dr. D.Y. Patil Pratishthan's Padmashree Dr. D.Y. Patil Institute Of Engineering and Technology**

Bachelor of Engineering - BE, Instrumentation Technology/Technician

2014 - 2017



### **Government Polytechnic, Ahmednagar**

Diploma, Instrumentation Technology/Technician

2010 - 2013



### **AES's Bhingar High School**

2006 - 2007

## **Skills**

Engine Control Unit (ECU) • AVL Route Studio • Creative Problem Solving • Engine Testing • Data Management • System Testing • Problem Solving • Distributed Control System (DCS) • Building Management Systems • Process Control