

Ajay Kailas Raskar

Mobile: (+91) 9011326278

Gmail: ajayraskar4545@gmail.com

LinkedIn: <http://www.linkedin.com/in/ajayraskar>

“A self-motivated, performance-driven professional with 3.2 years of experience in the field of HIL testing also excellent skills in software Test Life Cycle, I am quick learner willing to adapt and work on new technologies easily.”

Professional Experience:

02/2020 – Current	KPIT Technologies, India: Senior Test Engineer <ul style="list-style-type: none">• Worked as software Test Engineer for the HIL set up used for Testing Different Engine Features which are ON Highway and OFF Highway Programs for Cummins Projects.• ISTQB Certified, Udemy ISO 26262 certification, Udemy Lab View Certification.• Verification and validation Engineer• Having detailed understanding of STLC and SDLC.• Functional testing, Regression testing, Retesting, Smoke testing, Sanity testing.• Awarded as the best performer for the year 2020-2021.
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Education:

06/2015 – 06/2019	Bachelor of Engineering Savitribai Phule Pune University (University of Pune), India: <ul style="list-style-type: none">• Secured 7.69 out of 10 CGPA• Sponsorship head and the technical lead heading the electronics department for the robotics club.
06/2013 - 06/2015	Higher Secondary School Certificate (HSC) Fergusson College, Pune, India <ul style="list-style-type: none">• Secured 71.23%

Projects:

Cummins CSAT for OFF Highway and On Highway:

- In this project different Engines which are developed using MATLAB scripts and Simulink model used in on highway and Off Highway Program tested using NI test stand, Lab View, PCAN View, PCAN explorer, Analyzer.
- In this Project used SAE CAN J1939 Protocol as communication Protocol.
- Actual Hardware set up implementation of different ECM with their proper harnesses and used different actuators EGR, IAT, VGT, Breakout Box, use of DMM, CRO, Function Generator.

Cummins CTCI Engine Subsystem Project:

- Detailed Analysis of the assigned engine features with respect to requirements and presenting analysis to the Customer.
- If there are changes required in the procedure then raising the change request on integrity software and updating the automated sequence or manual procedure.

Skills:

Technical skills	Interpersonal Skills
<ul style="list-style-type: none">• Embedded C	<ul style="list-style-type: none">• English (Business Fluent)
<ul style="list-style-type: none">• C	<ul style="list-style-type: none">• Confident and determined towards achieving goals
<ul style="list-style-type: none">• Python	<ul style="list-style-type: none">• Eager in learning new skills and Technologies
<ul style="list-style-type: none">• Ni Test stand	<ul style="list-style-type: none">• Flexible to work
<ul style="list-style-type: none">• PCAN View	
<ul style="list-style-type: none">• PCAN Explorer	
<ul style="list-style-type: none">• Analyzer	
<ul style="list-style-type: none">• Ni Max	
<ul style="list-style-type: none">• Lab View	