

Dear Hiring Manager,

I am writing to express my interest in a role within the field of **ADAS, Functional Safety, and Autonomous Driving Systems**. With extensive experience in **functional safety validation, RADAR platform software testing, and Hardware-in-the-Loop (HiL) systems**, I bring strong expertise in ensuring safety-critical automotive features perform reliably under real-world conditions.

In my current role, I have:

- **Verified ADAS Level 2 features and functionalities** using HiL systems (IPG Carmaker, Configuration Desk, Control Desk, Automation Desk, CANoe, and MATLAB).
- **Developed scenarios, test cases, and Python automation scripts** to support system-level validation.
- **Conducted fault injection and reaction time testing**, validating Diagnostic Trouble Codes (DTCs) and crash data integrity.
- **Simulated vehicle dynamics and RADAR behaviour** in MATLAB and RTICANmm.
- **Performed software checkout, full release testing, feature debugging with Lauterbach, bug triage, and CI/CD tools development.**

These responsibilities have equipped me with the ability to design and execute robust validation strategies, collaborate effectively with stakeholders, and contribute to delivering high-quality, safety-compliant automotive systems. I am passionate about advancing **autonomous driving, ADAS technologies, and functional safety**, and I am eager to bring my skills to a forward-thinking team.

Thank you for your time and consideration. I look forward to the opportunity to discuss how my experience can contribute to your organization's success.

Sincerely,
Bhushan Telkikar.