

ANNADHANAM R

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Summary

I am a software engineer with around 8.9 Years' Experience in Automotive Domain as ADAS Tester / HIL-Tester / System Test Engineer / Validation Engineer. My key skills are Embedded CAPL programming and Python scripting. Hands on experience of Manual and Automation Testing of requirements of ADAS and Power Train (Engine Control Module) and BMS and BCM and Braking System and UDS & Automotive embedded system Validation. I have working knowledge on various communication protocols CAN, LIN, Unified Diagnostic Service (UDS) protocol and worked with various cross functional teams located in China, Germany, the US, and India. I would like to continue working in D-Space modules and enhance my skills to contribute to the technology advancements.

Experience

Test Lead KPIT Technologies India <ul style="list-style-type: none">Project: CSAR HIL Test Development, Software Stress TestingDeveloping Test Sequences using NI TestStand Tool and verifying parameter values using caltermTestcase developing manually and creating ATP for manual test cases	05/2024 to Current Bangalore, India
Senior Software Engineer TATA CONSULTANCY SERVICES	05/2022 to 05/2024 Hyderabad, India
Senior Software Engineer Navtech	09/2021 to 05/2022 Hyderabad, India
Senior Software Engineer HCL Technologies <ul style="list-style-type: none">Project: BMW, Driver Monitoring State (ACC, LKA, LCW, Breaking, Scenario Creation)Developed and executed comprehensive test plans and workforce breakdown structures for complete systemsComposed and edited work instructions for quality and test proceduresWrote high-quality test cases and scripts for use with automation softwareAnalyzed test results and prepared system-level evaluation reports to verify and validate system performanceProgramming languages and tools: Closed loop HIL, Python, CAN, UDS, D-Space	12/2019 to 09/2021 Bangalore, India
Senior Software Engineer L&T Technology Services	06/2018 to 12/2019 Bangalore, India
Systems Engineer Graphene semiconductors <ul style="list-style-type: none">Project: Passive safety (Airbag ECU) JLRMy responsibility includes the analysis of ECU platform software and various functionalities for Sensor's moduleProgramming languages and tools: CAPL, DOORS, Canoe, CAN stress, PTC Integrity	02/2016 to 06/2018 Bangalore, India

Skills

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| <ul style="list-style-type: none">Embedded CAPLPythonVector PrevisionCANoeLauterbach Trace32D-SpaceAutomation desk | <ul style="list-style-type: none">PTC IntegrityDOORSCANLINUDSNI TestStandCalterm |
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Personal Information

- Citizenship: Indian
- Date of birth: 07/15/93
- Driving Licence: Indian car license

Education

Bachelor of Technology: Computer and Science Engineering

DR. Samuel George Engineering College

01/2015

Prakasam, A.P, India

Hobbies and interests

- Cricket, Carroms